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# **The Regulation of Pesticides in the United States**

**U.S. DEPARTMENT OF AGRICULTURE**

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**U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
FOOD AND DRUG ADMINISTRATION**

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## INTRODUCTION

The United States is committed by law, policy, and the traditions of many decades to assure that the food supply of the Nation is safe, clean, and wholesome. The United States is committed to full enforcement of these laws, and accordingly, has developed criteria and protocols that are effective, workable, and enforceable. Within this primary goal, the United States seeks means that will permit achievement with minimal dislocation of production or trade. But under no circumstances will hazard to people or to the environment be countenanced to serve economic goals.

The wholesomeness of any food supply depends in part on the quality of the total environment -- the soil, water, and air in which the food is grown, processed, and consumed. Acute contamination of these basic natural resources by pesticide residues and other pollutants can affect not only the safety of food products, but also other environmental values such as human water supplies, wildlife preservation, and outdoor recreation. The United States is actively seeking to protect and manage these resources in the interest of greater safety and human welfare.

In the highly interrelated, interdependent world of modern technology and trade, the challenge of protecting crops and livestock from insects, diseases, weeds, and other pests without hazard to people, animals or their environment requires the combined and sustained efforts of scientists, technicians, and administrators; of producers, processors, and distributors; of industry and government; and of nations working together to establish and administer sound, acceptable standards of food safety and environmental quality.

The following information provides a full statement of the authorities on which the U.S. pesticides regulations are based; the division of responsibilities between the Department of Agriculture and the Department of Health, Education, and Welfare; the criteria for registration and establishment of tolerances; the research, action, and education programs related to pesticides; and the existing levels of pesticide residues in the United States.



## AUTHORITY AND RESPONSIBILITIES

The statutory authority for the regulation of pesticides and pesticide residues entering interstate commerce has been established by the Congress of the United States. Under these statutes, the responsibility for registration of pesticides and pest control materials has been delegated to the U.S. Department of Agriculture. The establishment of tolerances for pesticides in or on human food and animal feeds has been delegated to the Food and Drug Administration of the Department of Health, Education, and Welfare.

When the proposed use of a pesticide will result in residues on a food or feed crop, the registration by the Department of Agriculture is not granted until a tolerance has been established by the Food and Drug Administration.

The regulation of pesticides and pesticide residues by the Federal Government encompasses those pesticides or residues involved in shipment in interstate commerce. Pesticides and food supplies produced and used within a single State are under the jurisdiction of that State. The various Federal agencies are working closely with their counterparts in the States in the field of pesticide regulation and control.

### Federal Insecticide, Fungicide, and Rodenticide Act

The Federal Insecticide, Fungicide, and Rodenticide Act was established by law on June 25, 1947, to regulate the marketing of economic poisons and devices. This Act was amended in 1959 and in 1964.

The term "economic poison" is defined as "any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any insects, rodents, fungi, weeds, and other forms of plant and animal life or viruses, except viruses on or in living man or other animals which the Secretary (of Agriculture) shall declare to be a pest, and any substances or mixture of substances intended for use as a plant regulator, defoliant, or desiccant."

Under the Act, no pesticide chemical may be legally shipped in interstate commerce for general use until it has been shown to be safe when used as directed and effective for the purpose claimed on the label. Also, any residues that may remain on food or feed must not exceed the safe tolerance level established by the Food and Drug Administration.

The Act prohibits the shipment in interstate commerce of products which are not registered or are adulterated or misbranded. Products which are in violation of the Act may be seized and criminal action instituted against the shipper of such products.

### Food, Drug, and Cosmetic Act

The establishment of tolerances for pesticides on or in food and feedstuffs is provided for in the Pesticide Chemicals Amendment and Food Additives Amendment of the Food, Drug, and Cosmetic Act (Sections 408 and 409) administered by the Food and Drug Administration.



The paramount purpose of this Act is to assure the safety of the Nation's food supply; to require that the industry promoting the use of the pesticide chemical prove that the residues remaining on the food are safe for the consumer; and to require Government clearance before the pesticide is used.

The Act provides for seizure and destruction of agricultural commodities that contain pesticide residues in excess of established tolerances. Where no tolerance has been established, commodities carrying residues in excess of established working levels are also subject to seizure and destruction. The Act also provides for criminal penalties for violations and for the use of a legal injunction.

The Act outlines in general terms the data and information to be furnished and the procedure to be followed for obtaining a pesticide tolerance. Additional procedures and more specific data requirements in the regulations insure that food safety requirements are met prior to establishing a tolerance.

#### Meat and Poultry Inspection Acts

Federal inspection for wholesomeness of all meat derived from cattle, sheep, swine, goats, and horses shipped in interstate and foreign commerce is required under the Meat Inspection Programs. All poultry products shipped in interstate and foreign commerce also require Federal inspection. The importation of meat is prohibited unless such meat also complies with the regulations governing the Federal meat inspection programs.

The 1967 Federal Wholesome Meat Act has extended the essential elements of the Federal Meat Inspection program to livestock, meat, and meat products within intrastate commerce. It also provides assistance in improving State systems, and authorizes intervention in intrastate plants where health hazards may be involved.

The Congress of the United States has assigned responsibility for promulgating regulations and administering the Federal Meat Inspection program to the Secretary of Agriculture.

# CRITERIA FOR PESTICIDES REGISTRATION AND ESTABLISHMENT OF TOLERANCES

## Department of Agriculture

### Registration requirements

#### 1. Criteria for establishing registration

The applicant for registration must furnish documented proof to support the claims made for the proposed product. Data required to support registration usually include the following:

##### A. Toxicity tests

Toxicity tests on the proposed formulation must be conducted to show that the directed use of the product would not be injurious to exposed man or beneficial animals when warnings and cautions are carefully followed. The extent of toxicological data required will vary with the nature and proposed use of the product. Toxicity studies normally include:

##### (1). Safety data

##### a. Acute mammalian studies

1. Oral
2. Dermal
3. Inhalation
4. Eye and skin irritation

##### b. Subacute studies

1. Oral - 90 days
2. Dermal - 21 days
3. Inhalation - 14 days

##### c. Other studies which may be required include:

1. Neurotoxicity
2. Teratogenicity
3. Effects on reproduction
4. Synergism
5. Potentiation
6. Metabolism
7. Avian and fish toxicity

##### (2). Physical-chemical properties

##### a. Boiling point

##### b. Flash point



- c. Physical state
- d. Density
- e. Vapor pressure
- f. Solubility
- g. Stability

B. Efficacy data

Biological tests under field and laboratory conditions must be conducted to determine if the product will control the pests named on the label, when used as directed, without causing significant adverse effects to the crop or property being treated. The following factors are considered in determining efficacy:

- (1). Effectiveness  
The product must be shown to be effective for the intended purposes when used as directed.
- (2). Phytotoxicity
- (3). Translocation within the plant or animal being treated
- (4). Persistence in soil, water, or plants
- (5). Compatability with other chemicals
- (6). A thorough search and evaluation of the data submitted as well as other applicable data are made. After such search, the Department of Agriculture specialists concerned with efficacy determine whether or not the proposed formulation would be useful for the intended use without causing significant adverse effects when applied according to the proposed labeling.

2. General labeling requirements

- A. Name of product
- B. Name and address of manufacturer, registrant, or person for whom manufactured
- C. Net contents
- D. Ingredient statement  
Name and percentage (by weight) of each active ingredient, and total percent of inert ingredients, or name of each active and each inert ingredient in descending order, and relative abundance in each category and the total percentage of inert ingredients

E. Warning or caution statement

The label of any economic poison must show warnings pertaining to:

- (1). Ingestion
- (2). Skin absorption
- (3). Inhalation
- (4). Flammability or explosion

The required signal word such as "DANGER," "WARNING," or "CAUTION," and the statement "Keep Out of Reach of Children" must appear on the front panel and meet the minimum type size requirements. The front panel of the label of economic poisons which are highly toxic to man must show:

- (1). "POISON" in red on a contrasting background
- (2). "DANGER"
- (3). Skull and crossbones
- (4). Statement of antidote, including directions to call a physician immediately (in immediate vicinity of skull and crossbones and "POISON")

F. The registration number assigned to the product

G. Directions for use which are adequate to protect the public (optional on label -- may appear on accompanying printed or graphic matter)

3. Other required information

A. Data to support any or all claims on the labeling

B. A complete statement of the composition of the product, including the the percentage by weight of each of the active and inert ingredients, if such information does not appear on the label

C. Any pertinent information about inert ingredients

D. Any other information pertaining to physical or biological properties of the product, etc.

4. Review by other agencies

Petitions for registration filed with the Department of Agriculture are reviewed and commented on by other Departments of the Federal Government. The Department of the Interior reviews all petitions for registration



whose use patterns may have an impact on fish or wildlife. The Public Health Service of the Department of Health, Education, and Welfare reviews all petitions from the standpoint of human safety. The comments of these two agencies are forwarded to the Department of Agriculture and are considered before registration is granted or refused.

#### Opinion on adequacy of residue data and proposed tolerance

An analytical method suitable for enforcement purposes must be provided with the petition, when suggested use patterns will result in residues of the chemical on food or feed. The analytical method and the residue levels presented in the petition are evaluated and an opinion on whether the proposed tolerance reasonably reflects the residue is forwarded to the Food and Drug Administration.

The review includes consideration of the residues of the parent chemical metabolites, and the conversion products that may be formed. Residues occurring in plant parts other than the principal raw agricultural commodity are also considered.

#### Manpower and funds on criteria and registration

There are 258 people engaged in the work of the Pesticides Regulation Division, 115 in registration and 143 in enforcement. The Division is funded at \$3,500,000.

#### Food and Drug Administration

If the product is proposed for use in a manner which is likely to result in residues in or on food or feed, it is not registered by the Department of Agriculture until a tolerance or exemption has been granted by the Food and Drug Administration.

The determination of the safety of a tolerance is a scientific judgment and cannot be derived from any arbitrary mathematical calculation. This judgment involves consideration of the "no-effect" levels demonstrated in the experimental animals, the cumulative potential, the metabolic data, the maximum contribution to the diet that could be expected if all commodities for which tolerances are sought bore residues at the tolerance levels taking into account any reduction in residues accomplished in preparing the food ready to eat, the probable exposure to other similar toxicants, and species differences in translating the animal data to possible effects on man. An adequate margin between the tolerance level and the "no-effect" level in the experimental data is required, taking into consideration the proportion of the diet involving crops on which residues might be expected.

Tolerances established under Section 408 of the Food, Drug, and Cosmetic Act are established on raw agricultural commodities, not on processed foods. If the residues remaining in a processed food have been removed to the extent possible in good manufacturing practices and do not exceed the tolerance on the raw product, the processed product complies with the law. In general,

the residues in processed foods are a fraction of the amount permitted on the raw agricultural commodity. To cover the residues of pesticides applied to or concentrating in processed foods, tolerances may be established under Section 409 of the Act, the Food Additives Amendment. However, the major uses of pesticide in the United States are on raw agricultural commodities, and the overwhelming majority of established tolerances are on these products.

Ideally, the tolerances on pesticide residues should apply to the ready-to-eat food on the dinner plate because it is the quantity of pesticide actually consumed that can have health significance. However, tolerances established at this point in the food chain would not be practical. Therefore, a point in the distribution system has been selected where meaningful corrective action can be taken to prevent consumption of unsafe amounts of pesticide chemicals. The tolerance concept does not anticipate, as a practical matter, that all foods will contain residues of all chemicals as high as the established tolerance level, or even that all of a single food will always contain a residue at the tolerance level.

#### Data requirements for pesticide tolerances

The criteria and data requirements for establishing tolerances are presented below. Although these are described in detail, some flexibility is permitted in practice. The basic requirement is that the data and other information furnished, when evaluated as a whole, will establish the safety of the proposed pesticide tolerance. This judgment is made by toxicologists qualified by training and experience to evaluate the safety of pesticide residues in food.

##### 1. Chemical data

The chemical data in pesticide petitions must meet two major requirements.

- A. The residue data must delineate the identity and magnitude of the residues and must show that, under the proposed conditions of use, the proposed tolerance is suitable (i.e., will not be exceeded but is no higher than necessary).
- B. The analytical methods used to obtain the residue data must be valid and must afford a measure of the total toxic residue. A suitable method must be furnished for enforcing the proposed tolerance.

The following listing represents items of information usually needed to arrive at a scientific judgment as to whether these requirements have been met:

Pesticide chemical: The identity and complete composition, including minor components and impurities, as well as accepted chemical (or biological) and common names are required. Specifications must be furnished if required to establish identity or to limit impurities.

Chemical, physical, and biological properties pertinent to the evaluation of the efficiency of analytical procedures and the nature and stability of residues must be reported.

Conditions of use: Complete proposed directions for use must be included. Proposed limitations and restrictions, such as against feed use of by-products, must be reasonable, practicable, and in conformity with accepted practices.

Analytical methods: The petition must present or refer to a method suitable for enforcing the proposed tolerance. This method is added to the compendium of pesticide analytical methods, the FDA Pesticide Analytical Manual. In some instances residue data may be obtained by methods not suitable for regulatory purposes. It is desirable to confirm residue results by using more than one method (i.e., by a specific method and one or two appropriate general methods). Descriptions of methods must be sufficiently detailed and well organized to be followed by analysts not familiar with the procedures.

General requirements for methods: Extraction and clean-up procedures must be efficient in removing and recovering residues from samples.

Methods must be validated by an adequate number of blanks (untreated crops) and recoveries on an adequate representation of the commodities involved. Blank values must be reasonably low in relation to the proposed tolerance. Recoveries must be at appropriate fortification levels in relation to the proposed tolerance and must be reasonably quantitative.

Sensitivity, accuracy, and precision must be satisfactory in relation to the proposed tolerance and to the toxicity of the pesticide chemical.

Additional requirements for regulatory methods: Must be sufficiently specific to identify and measure residues in the presence of residues of other pesticides which could reasonably be expected to be present on the same commodities.

Must be reasonably rapid and not require "exotic" (unavailable) equipment or reagents.

Must not require use of untreated crop samples for blanks or for internal standards.

Must be capable of giving satisfactory results when employed by regulatory laboratories. Method trials in at least two FDA laboratories are made to determine suitability for regulatory purposes.

Samples for analysis: Samples used must reflect the proposed conditions of use, including maximum usage, with respect to dosage, timing, number of applications, etc. Samples reflecting exaggerated conditions of use are also of value. Conditions under which samples were field treated, including method of application, must be reported.



Samples must reflect adequate geographical distribution (i.e., major growing areas), and adequate representation of types of crops for which tolerances are proposed.

The time between sampling and analysis and the conditions under which the samples were kept must be stated. Samples must be kept in storage for as short a time as possible; if crop or extract samples were stored before analysis, evidence must be given to show that the residues are stable under such conditions.

Methods of preparing crop samples for analysis (i.e., trimmed, washed, brushed, peeled, hulled, etc.) must be reported. If these operations are necessary to reduce residues within the proposed tolerance, they must reflect commercial practice in preparation of the crop for shipment in interstate commerce.

Analytical results: In all cases individual results, not just averages, must be reported. Any corrections made for blanks and recoveries must be explained. There must be an adequate number of results on each commodity.

The identity and magnitude of the residue under the proposed conditions of use must be established. Toxic residual metabolic, degradation, or other conversion products must be identified and measured.

Data showing whether the pesticide is systemic (i.e., is translocated within the plant or animal) must be presented.

Data must be included to show the rate at which the residue dissipates on the crops involved.

Where it is pertinent, results must include data on the distribution of the residue (for example, between peel and pulp) and evidence as to whether the residue is reduced when the raw commodity is prepared for market (by washing, trimming, brushing, etc.) in order to judge the amount of residue that is likely to remain on the edible portion of the commodity.

Where pertinent to the proposed usage, data must be presented on the accumulation, persistence, and identity of residues in soils, and the transfer of such residues to crops likely to be grown in the same soils.

Where pertinent, evidence must be presented to show whether residues concentrate at a higher level or undergo chemical change in processed foods or feeds, including edible by-product food or feeds.

In certain cases, it may be necessary to provide data showing the effect on residues of standard operations of preparing the food for consumption (i.e., cooking, etc.).

If feed and forage items, including feed by-products, are involved, there must be a basis for determining whether residues will transfer to food products such as meat, milk, and eggs. If so, the identity and magnitude



of such transferred residues must be established and suitable tolerances proposed.

The guidelines for the review of the chemical data in petitions which propose negligible residue tolerances are generally the same as those described above, except that: (a) tissue residue studies on laboratory animals may be accepted to show the likelihood that the pesticide use will result in residues in meat and milk, and (b) tolerances may be established on the basis of a group of crops rather than on each crop individually. A negligible residue tolerance is a tolerance that has been established to provide a basis for registered uses which previously have been accepted on the basis that "no residue" or a zero residue will be present in the treated crop at the time of harvest. Based on a recommendation from a committee of the National Academy of Sciences-National Research Council, FDA and USDA have abandoned the concept of "no residue" or zero tolerance registrations of pesticides as far as possible (for example, only zero tolerances can be established for carcinogens), and have replaced "no residue" and zero tolerances with small finite tolerances (i.e., negligible residue tolerances). Regulatory problems had arisen because extremely sensitive analytical methods had been developed which indicated that many of these older "no residue" uses did result in low-level residues. Where a registration had been granted on a "no residue" or "zero-tolerance" basis, 1-year extensions of registration have been granted under certain conditions. These extensions were granted when the registered use pattern indicated that there would remain only low-level residues, which are generally recognized as of no toxicological significance. During the 1-year extension, the petitioner is expected to document the level and toxicological safety of the residues for the establishment of the negligible residue tolerance.

In specified instances, a temporary tolerance is established to permit experimental pesticide field trials, on a limited scale, conducted in accordance with and required by a temporary permit issued by USDA. The purpose of these trials is to determine the usefulness of the pesticide without having to destroy the crop.

## 2. Toxicological data

The requirements for the two major types of tolerances--for negligible residues and for residues (higher levels)--are outlined as follows:

- A. It has been determined that a negligible residue tolerance is sufficiently limited by the magnitude of the residue, extent of use, and mode of use so that the levels of ingestion which result are considered to be of little or no toxicological significance. The safety factor is usually about 2,000 based on 90-day studies; that is --

Quantity of pesticide that produces "no effect" in the most sensitive animal tested

---

= 2,000

Quantity of pesticide expected in the diet of man

Quite often, such tolerances reflect the sensitivity of the method. For such a negligible residue tolerance, the basic requirement is data from two 90-day (subacute) animal feeding studies. The term "basic requirement" is used because acute data for significant metabolites may indicate need for further studies, or results of the basic 90-day studies may call for further work, or knowledge of the toxicity of the general class of compounds involved may result in requests for specific kinds of toxicological data.

B. A tolerance for residues in excess of negligible residues will require the following data:

(1). Acute toxicity

- a. LD<sub>50</sub> in at least two species of animals
- b. A description of the signs of toxicity

(2). Short-term toxicity (subacute toxicity)

- a. At least two species, one a non-rodent
- b. Duration, 90 days
- c. At least three dosage levels plus a control group; one dosage level should be toxic
- d. When 90-day studies are designed to continue for long-term toxicity studies, sufficient animals must be started to supply the required number for the long-term studies.
- e. Observations: growth, food consumption, general appearance and behavior, mortality, organ weights, clinical-laboratory tests (blood and urine, organ function, enzymatic and metabolic), and gross and microscopic examinations. All animals dying before termination should be examined grossly and microscopically. All tumors should be recorded and examined microscopically.
- f. In the case of organo-phosphorus and carbamate pesticides, cholinesterase inhibition and demyelination studies must be made.

(3). Long-term toxicity (chronic toxicity)

- a. At least two species, one a non-rodent
- b. Duration, usually 2 years
- c. At least three dosage levels plus a control group; one dosage level should be toxic
- d. The groups at the start of the experiment should be sufficiently large to assure an adequate number of survivors at termination. For rodents this may vary from strain to strain so that numbers to be used are contingent on the judgment of the investigator.
- e. Observations: growth, food consumption, general appearance and behavior, mortality, organ weights, clinical-laboratory tests, gross examination of animals throughout

experimental period and tissues at autopsy, and comprehensive microscopic examination of tissues. Animals dying before termination should be examined grossly and microscopically. All tumors should be noted and examined microscopically.

(4). Biochemical data

- a. Data from at least two species of animals
- b. Observations: absorption, distribution, metabolic transformation, elimination, possible accumulation, and the effect of enzymes which should be examined because of the nature of the chemical under study.
- c. Information on metabolism of pesticides and their other conversion products in treated plants. At least acute and short-term toxicity data on the significant plant metabolites or other conversion products. If the conversion products are different from metabolites of the test animals, long-term toxicity data on the pesticide metabolites or other conversion products may be required.

(5). Reproduction studies

- a. At least one species, preferably two
- b. At least two dosage levels plus a control group
- c. One dosage level should be definitely toxic; one should have no effect.
- d. Usually three successive generations in the rat; two generations are satisfactory if the results are conclusive.
- e. Preferably two litters per generation
- f. Both the males and females should be treated for 60 days prior to breeding. The second and third generations are treated from weaning throughout the breeding period.
- g. Observations: fertility, length of gestation, live births, still births, survival at 4 days and at weaning, sex of newborn and of weanlings, body weights, gross abnormalities, and microscopic and skeletal examination of young in last generation.

(6). Data on man

- a. From industrial exposure
- b. From accidental poisonings and suicides
- c. From controlled experiments in special cases
- d. Biochemical data of the type indicated under (4) b. above are particularly useful.

(7). Any additional studies that might be indicated by results from studies (1) to (6) above.



### 3. Discussion

Data requirements for tolerances are subject to continual review in light of new scientific data and information, specifically advances in scientific knowledge about the criteria for the evaluation of the safety of chemicals in food. The data requirements outlined above are the present requirements. Earlier tolerances were established on the basis of lesser data, but any deficiencies are being remedied before tolerances on additional crops are established. For example, the requirement for reproduction studies was instituted in 1963.

There may be some misconception as to the method used to arrive at a tolerance on a raw agricultural commodity. First, and of essential importance, is that the tolerance must be safe for the consumer if all of this particular raw food did bear residues at the tolerance level. However, we do take into account the patterns and modes of consumption - proportion of the food consumed in the raw state, as is, as compared with the proportion consumed in the processed state where a reduction of residues may occur. It should be emphasized that there must be an adequate margin of safety between the "no-effect" level in the most sensitive test animal and the level of residue likely to be ingested by the consumer.

Secondly, the tolerance does not reflect the average residue on the raw agricultural commodity; it reflects the maximum residue which will remain on the treated crop as harvested and shipped when the directions for use are followed, if such maximum residue is safe.

Pesticide surveillance and enforcement data clearly show that only a small percentage of the samples contain amounts of pesticide residues that actually approach the tolerance levels. This is to be expected, since not all crops need treatment. Tolerances are established to cover the residues (if they are safe for the consumer) that the grower will incur under the most strenuous conditions of pesticide use, i.e., at the maximum dosage, the maximum number of applications to the crop, and as close to harvest, as the label permits. Not all growers in a specified geographic area and certainly not all growers in other geographic growing areas of the country would find their crops attacked by the same pests at exactly the same stages of growth; even if this situation did occur, some of the growers would undoubtedly choose another equally effective pesticide. The U.S. tolerances have been established primarily to protect the consumer. Samples analyses show that this purpose is being achieved, and at the same time, the grower is permitted to use chemical tools effectively to produce a wholesome and abundant food supply.

Thirdly, since the tolerance is established on the raw agricultural commodity, it does not realistically reflect the residue on the food as eaten except in special cases. Data clearly demonstrate that pesticide residues are substantially reduced by the various processing operations employed in preparing food for consumption (ready-to-eat): the milling of grain, the washing operation in some cases, the peeling of fruits and vegetables, the removal and discard of outer leaves of leafy vegetables, cooking, or canning.



Finally, the tolerance will not be set higher than the level reasonably required to cover the residue likely to result from the proposed pesticide usage even though the animal feeding studies may indicate that a higher level is safe. For example, if 10 p.p.m. of pesticide X would be safe as gauged by all the animal studies but the maximum residue incurred by the proposed use will not exceed 1 p.p.m., on the raw agricultural commodity, the tolerance will be established at 1 p.p.m. It is our considered purpose to minimize the exposure of the consumer to pesticide residues in his food supply, all in the interest of safety.

#### The Granting of a Registration

If Department of Agriculture requirements are met and FDA establishes the tolerance, registration is granted.

If the safety data do not justify the proposed tolerance, a lower tolerance or a zero tolerance may be established. The Department of Agriculture then grants a registration on the basis of the tolerance established by the Food and Drug Administration, provided the pesticide is useful under the conditions required by the lower tolerance.

In the past, when a pesticide was registered for use on a food or feed crop on the basis of a zero-tolerance or on a no-residue basis, it meant that the directed use would not leave residues on the harvested food at levels which could be detected by chemical analysis. This has often meant that the development of a more sensitive method invalidated the zero-tolerance or no-residue acceptance. This procedure has been modified in favor of registration on the basis of finite tolerances for all uses involving food or feed where there is a reasonable expectation of some residue, however small, as provided for in the joint statement of April 13, 1966, by the Departments of Agriculture and Health, Education, and Welfare. Uses involving no reasonable expectation of residues in the food are usually designated "nonfood" uses.

Research

The formulation and enforcement of adequate pesticide regulations, like any other regulation, must be firmly based on research and use experience. Within the United States, as in many countries, industry, educational institutions, and State and Federal laboratories have utilized their combined efforts to develop, test, evaluate and control chemical methods for pest control.

Department of Agriculture

The U.S. Department of Agriculture conducts, and otherwise supports, a comprehensive, forward-looking, in-depth pesticides pest-control program involving research, regulation, pest control, monitoring, information, and education. The ultimate objective is to develop and encourage the use of those means of effective pest control which provide the least potential hazard to man, animals, and their environment.

In addition to its own research programs, the Department also supports research on pests and their control in private and public agencies through contracts and grants. Major grant funds are allocated to State agricultural experiment stations and schools of forestry through procedures authorized by Congress under the Hatch and McIntire-Stennis Acts.

A 1966 study by State and Federal Governments of 91 areas of agricultural research included a determination of the number of scientist-man-years and the funding associated with this research. Seven areas of agricultural research are of particular interest to those concerned with pest control.

The total scientist-man-years and the funding of the research projects in fiscal year 1967 are indicated in Table A. The data represents the combined efforts of the State agricultural experiment stations, schools of forestry, and the Department of Agriculture.

Table A

Total Scientist-Man-Years and Funding in State Agricultural  
Experiment Stations, Schools of Forestry, and  
U. S. Department of Agriculture

Research Area	Fiscal Year 1967	
	Total Scientist-Man-Years	Total Funding
Insect pests of fruit, vegetables, field crops, livestock, poultry, and forests	844	\$33,725,000
Diseases of fruit, vegetables, field crops, livestock, poultry, and forests	1,229	53,550,000
Weeds and other hazards to fruit and vegetable crops	185	6,560,000
Internal parasites of poultry and meat animals	92	4,513,000
Protection of poultry and livestock from toxic chemicals, poisonous plants, and other hazards	48	2,397,000
Insure food products free from toxic residues	129	5,600,000
Control of insect pests of man and his belongings	67	2,655,000
Total	2,594	\$109,000,000

The research and action programs related to pesticides and pest control, supported by the Department of Agriculture have been associated with certain general objectives. A summation of these objective-related research and action programs is indicated in Table B. The funding for this Department research in fiscal year 1967 has also been included in Table A under the appropriate research areas.

Table B

Expenditures by the United States Department of Agriculture  
during Fiscal Year 1967 for Pesticide-Related Research and  
Action Programs

Pesticide Related Research on:	:	Expenditures: Fiscal Year 1967
	:	
Fundamental biology		\$16,307,000
Improved means of nonpesticidal control		23,702,000
Improved pesticide use patterns		12,937,000
Toxicology, pathology, metabolism and fate of pesticides		4,942,000
<u>Action Programs</u>		
Monitoring impact of pesticides on the environment		886,000
Regulation of pesticides		3,284,000
Information, education, and coordination		4,787,000

The prime objective of the research programs is to develop safer, more efficient, and more economical means of pest control, to provide man with an ever-increasing supply of food and fiber, and to protect the environment from avoidable contamination. The benefits of research also provide an ever-expanding baseline of knowledge for the evaluation of the safety of pest control procedures.

Food and Drug Administration

FDA's research activities in pesticides are designed to support and strengthen its capability to establish and enforce pesticide tolerances. These research activities fall into two major areas: chemical research and biological research.

FDA's chemical research on pesticide residues in foods includes: (1) establishing the chemical identity of the residue, including significant conversion products; (2) developing, improving, and validating methodology for measuring the amount of such residue; and (3) occasional checking on the validity of data submitted in petitions.



The development of adequate methodology for the analysis of pesticide residues is a continuing problem and requires a major share of the research effort. Multiple residue detection techniques, which will determine many pesticides simultaneously, have simplified the regulatory analytical problem but they have greatly complicated the research and development problem. It is frequently very difficult to fit a pesticide into a multiple residue detection scheme without complicating the scheme for the chemicals for which it was originally developed. Many large groups of pesticides in increasing use, such as carbamates, have not yet been fitted into such techniques. Furthermore, multiple residue detection techniques alone do not establish unequivocally the identity of the pesticide residue, particularly if artifacts or interferences are encountered. Identity of the residue must be confirmed by another method and a variety of such confirmatory methods must be available for the many different pesticides in use. In addition to the adaptation of present methods to new chemicals and the development of new methods, improvements in sensitivity, efficiency, rapidity, and simplicity of existing methods are always needed to enable the Food and Drug Administration to improve the effectiveness of its tolerance enforcement program.

Analytical methods should be available for the initial identification and measurement of residues on objective samples of unknown treatment history. This is the reason that emphasis has been placed on the development of multiple residue detection techniques such as gas chromatography. Methods of this type in the United States have been developed almost solely through the research program of the Food and Drug Administration. By such methods, it has been possible for FDA to analyze about 25,000 food crop samples annually for a variety of pesticides, equivalent to perhaps a million individual analyses per year.

In many cases, the residue from use of a pesticide comprises not only the chemical applied, but also toxic degradation or other conversion products which may be formed on exposure to light and weathering. Heptachlor on plants and in animals converts to the equally toxic heptachlor epoxide. Dieldrin has been reported to give a toxic photo-decomposition product. Metabolic products may be formed in animals and deposited in edible tissues or milk. Phosphate pesticides are especially prone to form toxic conversion products. This phase of the research program must insure that the composition of the residue has been established so that the analytical methodology developed will measure all toxicologically significant residual chemicals.

The biological research program is directed toward evaluating the hazards of pesticide residues and their conversion products by acquiring information on the effects of these materials on animals and man. This research work is applied research directed to the support of establishing pesticide tolerances and to the development of scientific facts to furnish an increasingly sound basis for FDA policies. The research effort includes the following areas: The development of data on new types of pesticides to facilitate FDA guidance of commercial work for support of petitions; a more detailed examination of specific toxic effects for their impact on safety evaluation; examination and development of new toxicological methods for use in evaluating safety; and

resolution of conflicting or equivocal data for a sounder evaluation of safety of pesticide residues in foods. This information results in the ability to establish safe tolerance levels and enforcement policies.

In all cases, measurable parameters are desired from animal experimentation which may prove useful for logical prediction of toxicity in man. It is highly desirable to determine how man handles the toxic substances so that an animal species can be sought which will provide corresponding data useful in safety interpretation.

In brief FDA biological research includes:

- (1) Study of the physiological effects and metabolism of pesticides in biological systems, including the metabolic fate of the compounds, their biochemical reactions, the nature of the metabolic pathways, and an evaluation of their effects in terms of toxic action;
- (2) Performance of toxicity studies of pesticides as a method for determining safe tolerance levels;
- (3) Development of data on the direct effect of pesticides on man.

FDA's research programs on pesticides will require 152 man-years and \$2,298,000 in fiscal year 1968 (July 1, 1967 to June 30, 1968). These funds are nearly 43 percent of the \$5,384,000 total FDA expenditure on pesticide programs planned this year. All FDA pesticide program activities and resources allotted to them are summarized for comparative purposes in Table C.

Table C

## Summary of FDA Activity on Pesticide Programs, Fiscal Year 1968

Activity	Man-Years	Dollars
Total, all activities	405	\$5,384,000
Research	152	2,298,000
Toxicity, metabolism, fate of residues on foods, methodology for pesticides and metabolites, etc.		
Standards	31	358,000
Evaluation of pesticide petitions, establishment of tolerances, etc.		
Surveillance	191	2,266,000
2,000 investigations in growing areas, 12,000 domestic market samples examined, 2,250 import samples examined, 30 market basket surveys involving 12,300 sample tests (total diet studies), etc.		
Compliance	16	200,000
Regulatory followup on products with excessive residues, industry workshops on legal requirements, etc.		
Information	11	227,000
Consumer information projects and services		
State Program Development	3	20,000
Training of State officials		
International Program Development	1	15,000
Develop and maintain liaison programs with foreign countries exporting foods to the United States in order to achieve conformance with tolerances.		

Current plans provide for expansion of the pesticide program activities at the rate of approximately 10 percent each year for the next 5 years.

Department of Agriculture

1. Monitoring programs

The U.S. Department of Agriculture in 1964 initiated a program specifically designed to establish pesticide residue profiles in limited areas. These pilot studies, located in the Mississippi River Delta, included five areas in Mississippi and Arkansas. Representative farms were selected where records of the kinds and amounts of pesticides had been kept for 10 to 15 years. The program was designed to determine existing pesticide levels in soils, sediment, water, crops, livestock, and certain species of aquatic and land animals inhabiting the study areas. Adjustments in the program have permitted the establishment of similar areas near Yuma, Arizona, and Grand Forks, North Dakota.

In addition to these study areas, soil samples have been analyzed from 17 locations having high pesticide use histories; 13 locations where pesticides were used occasionally, such as forests and rangelands; and 13 locations on Forest Service lands and National Wildlife Areas where no pesticides were reported to have been used.

The Department's monitoring program operates in 19 States. A total of 48 different types of agricultural or environmentally related samples have been analyzed.

Analysis of agricultural soils after several yearly applications of chlorinated insecticides has shown no evidence of accumulation or buildup. Residues in nontreated food or feed crops can usually be associated with the residues found in the soil. In certain cases, illegal residues have been found in such crops as carrots, potatoes, soybeans, or peanuts grown in soil that had been previously treated with the more persistent chlorinated hydrocarbon pesticides.

The movement of pesticides into water is closely associated with the movement of soil particles. Repeated sediment analysis of major water bodies as well as farm ponds indicates a low level concentration of pesticides.

The monitoring program utilizes 36 man-years, 21 of which are professional scientists. Approximately \$530,000 is allocated for the conduct of this program.

Over the next few years, the monitoring program of the Department will be continued to the point where the status of pesticide residues in the soils of every State will be determined. Periodic re-examination of the soils will provide a continuing assessment of pesticide residues in the soil.



## 2. Surveillance and compliance

The most accurate evaluation of the effectiveness of any regulatory program is accomplished by the systematic sampling and analysis of the products being regulated -- in this case, the pesticides available to the user and the food and feed commodities that have been treated with the pesticides.

The Department of Agriculture maintains a nationwide surveillance program on pesticides shipped in interstate commerce. A force of 31 inspectors, working out of Washington, D.C., and five field stations systematically inspect and sample pesticides in warehouses and in sales outlets. The pesticides are inspected for registration, adequacy of information on the label, and for other important aspects. The inspectors also sample representative pesticides and submit the samples for chemical analysis or biological activity. This enforcement program is supported by 95 field personnel. For fiscal year 1967, the budget of the enforcement program amounted to \$2,200,000.

During fiscal year 1967, a total of 5,154 samples were taken. The Department instituted seizure actions in 189 cases. Where minor violations of the law were noted, the registrant was notified and corrective action was taken.

## 3. Surveillance of domestic and imported red meat

The Meat Inspection Act administered by the Department of Agriculture requires the surveillance of meat and meat products processed under Federal inspection, and the surveillance of imported meats to certify their wholesomeness. A significant portion of the program consists of objective samples where there is no reason to suspect excessive residues.

During 1965 and 1966, 5,036 objective samples were obtained from animals slaughtered in federally inspected establishments. About 71% of these samples contained residues of chlorinated organic pesticide chemicals. DDT and its metabolites, TDE and DDE, were found in about 66% of the samples. The next most frequently found pesticide chemicals were, in decreasing order of frequency, BHC, toxaphene, lindane, dieldrin and methoxychlor, with an incidence range of 2-4.5%. Heptachlor epoxide was found in 1.7% of the samples. Chlordane and endrin were reported in several samples. About 45% of the residues found were below 0.1 ppm on a fat basis and 66% were below 0.5 ppm.

Data obtained on 2,259 random samples of domestic red meat and 1,430 samples of imported red meat during the first 9 months of 1967 are tabulated in the Appendix, Table 25A and Figure 25A.

A comparison of the data obtained on domestic samples thus far in 1967 with that obtained in 1965-1966 indicates an increased incidence of DDT compounds primarily in the range T-0.10 ppm in 1967. The incidence of dieldrin, heptachlor epoxide, BHC and lindane shows an increase ranging 10-31% of samples examined. The incidence of methoxychlor and toxaphene has decreased to about 0.1% of samples examined. The distribution among the different quantitative levels of residues has not changed greatly.

Generally, the same kinds and levels of residues were found in imported red meats. Although the limited data does not provide a basis for a firm conclusion, it appears that dieldrin and BHC residues may be more common in imported meats, while heptachlor epoxide residues may be less common.

Except for DDT compounds on domestic and import samples and dieldrin and BHC on import samples, over 95% of the residues were below 0.1 ppm on a fat basis. Additional data will be required to evaluate the significance of these findings.

## Food and Drug Administration

### Residue Levels in Foods

#### 1. Surveillance and Compliance Programs

The Food and Drug Administration surveillance and compliance programs were expanded substantially beginning with fiscal year 1963. FDA now collects and examines 25,000 samples annually in addition to inspecting the growing areas in order to determine the actual practices being followed. Quantitative multi-residue methods of analysis using gas-liquid chromatography at routine sensitivity levels of approximately 0.03 ppm on most crops were in common use beginning in FY 1964. These methods measure more than 60 common chlorinated organic and organo-phosphorus pesticide chemicals.

A majority of the samples collected in this program were categorized as "objective" samples. Objective samples are those collected where there is no suspicion of excessive residues or misuse of the pesticide chemical. Only the objective samples are used in this report and the findings are considered to be generally representative of the food supply.

In general, during the past four fiscal years about half of the samples contained residues of one or more pesticide chemicals. About 3% of the samples were found to exceed legal tolerances or, in absence of legal tolerances, administrative guides for excessive residues. Shipments, or lots, of food found to contain excessive residues are removed from food channels where possible. Follow-up procedures are used to prevent other portions of a lot found to contain excessive residues from reaching the consumer. Exportation of food containing excessive residues is not permitted unless it complies with the laws of the importing country. There are no substantial differences in the residues in foods produced in the United States and those imported from other countries.

Although approximately one-half of the samples contain residues, a majority of the residues are at very low levels. Over 75% of the individual pesticide residues found were below 0.11 ppm and 95% of the residues were below 0.51 ppm. This general pattern of residue levels is observed when the data is considered by specific pesticide chemical, food category, domestic and imported products, or on an annual basis. Therefore, the average level of residues within a food category is quite low and the percentage of lots containing residues in excess of 2 ppm of any residue is very low. Generally, foods sampled in the surveillance program undergo further processing or preparation prior to consumption.



Market basket samples are obtained from retail stores bimonthly in the 5 regions, prepared for consumption and examined for pesticide residues at sensitivity levels substantially lower than those used in the examination of surveillance samples. Much additional analytical time is required to attain these lower levels of sensitivity and to confirm the results. The proportion of individual food items used in the study was developed by the U.S. Department of Agriculture, Household Economics Research Division, for the high consumption level of a 16-19 year old male. Each sample represents a two-week supply of food. Food items are composited into 12 classes of similar foods for more reliable analysis and to minimize the dilution factor.

The results obtained during the past three years have shown that the amounts of pesticide chemicals in this high consumption diet, approximately twice that of the normal individual, are well below the acceptable daily intakes established by the FAO-WHO Committee, except for aldrin and dieldrin combined. The daily intake for these compounds calculated from the total diet samples has been approximately equivalent to the FAO-WHO acceptable daily intake for the past three years.

Table 1, attached, shows detailed information on WHO-FAO acceptable daily intakes compared with the daily intake calculated from these studies. Table 2 shows the average milligrams of the total chlorinated organic pesticides found in the 12 food classes in each of the three years. Table 3 shows the daily intake of 15 pesticide chemicals most frequently found and the incidence of positive composites for each of the three years. No significant changes are observed with respect to kinds or amounts of residues, with the possible exception of kelthane.

The frequency of occurrence and sensitivity of the method must be considered in attaching significance to the calculated daily intake. We are unwilling to conclude, for example, that the daily intake of carbaryl exceeds that of DDT. The method for carbaryl is relatively insensitive, 0.1-0.2 ppm, and relatively few positive findings serve to unduly influence the calculated value. Carbaryl was not identified as a common component of the dietary intake. It was included in Table 1 because an international acceptable daily intake was available for comparison and in recognition of the specific analysis of the total diet samples for carbaryl residues.

It is noteworthy that the combination of foods in meat, fish, poultry and dairy products account for over half of the intake of chlorinated organic pesticides. There are few registered uses of pesticide chemicals known to result in residues in meat and poultry. No

TABLE 1

## DIETARY INTAKE OF PESTICIDE CHEMICALS

<u>Compound</u>	WHO-FAO Acceptable <u>Daily Intake</u>	Milligrams/Kilogram body weight/day Total Diet Studies			Average 3 Years
		<u>1965</u>	<u>1966</u>	<u>1967</u>	
Aldrin		0.00001	0.00004	0.00001	0.00002
Dieldrin		0.00008	0.00009	0.00005	0.00007
Total	0.0001	0.00009	0.00013	0.00006	0.00009
Carbaryl	0.02	0.0021	0.0005	0.0001	0.0009
DDT	0.01	0.0004	0.0005	0.0004	0.0004
DDE	-	0.0003	0.0003	0.0002	0.0003
TDE	-	0.0002	0.0002	0.0002	0.0002
Total		0.0009	0.0010	0.0008	0.0009
Dichlorvos	0.004		Not determined		
Diphenyl	0.125		Not determined		
Gamma BHC (lindane)	0.0125	0.00007	0.00006	0.00007	0.00007
Bromide	1.0	0.39*	0.22*	0.29*	0.30*
Heptachlor		0.000003		0.000001	0.000001
Heptachlor Epoxide		0.00003	0.00005	0.00002	0.00003
Total	0.0005	0.000033	0.00005	0.000021	0.000031
Malathion	0.02	-	0.0001	0.0002	0.0001
Diazinon	0.002	-	0.00002	-	0.000005
Dimethoate	0.004		Not determined		
Phosphoamidon	0.001		Not determined		
BHC	-	0.00003	0.00004	0.00003	0.00003
Kelthane	-	0.00004	0.00015	0.00018	0.00013
Endrin	-	0.000009	0.000004	0.000004	0.000006
All Chlorinated Organics		0.0012	0.0016	0.0012	0.0013
All Organo- phosphorus		-	0.00014	0.00025	0.00013
All Herbicides		0.00012	0.00022	0.00005	0.00013

\* Total bromide present - includes naturally occurring bromides

TABLE 2

Chlorinated Pesticides in Ready-to-Eat Foods  
Total Diet Samples - Food and Drug Administration

		average milligrams per day		
Composite		1964-56	1965-66	1966-67
I. Dairy Products	(Mg.)	0.010	0.018	0.014
	%	12.2	14.5	17.5
II. Meat, Fish & Poultry	(Mg.)	0.032	0.058	0.028
	%	39.0	46.8	35.0
III. Grains & Cereal	(Mg.)	0.008	0.009	0.006
	%	9.8	7.3	7.5
IV. Potatoes	(Mg.)	0.002	0.003	0.001
	%	2.4	2.4	1.3
V. Leafy Vegetables	(Mg.)	0.004	0.004	0.002
	%	4.9	3.2	2.5
VI. Legume Vegetables	(Mg.)	0.003	0.001	T
	%	3.7	0.8	-
VII. Root Vegetables	(Mg.)	0.002	0.001	T
	%	2.4	0.8	-
VIII. Garden Fruits	(Mg.)	0.010	0.011	0.008
	%	12.2	8.9	10.0
IX. Fruits	(Mg.)	0.007	0.015	0.018
	%	8.5	12.1	22.5
X. Oils, Fats & Shortening	(Mg.)	0.003	0.004	0.002
	%	3.7	3.2	2.5
XI. Sugars & Adjuncts	(Mg.)	0.001	T	T
	%	1.2	-	-
XII. Beverages	(Mg.)	-	-	-
	%			

T = less than 0.001 mg



TABLE 3

AVERAGE INCIDENCE AND DAILY  
INTAKE OF 15 PESTICIDE CHEMICALS

	1964-1965		1965-1966		1966-1967	
	Positive Composites*	Daily Intake Mg.	% Positive Composites**	Daily Intake Mg.	% Positive Composites***	Daily Intake Mg.
DDT	37.5	0.031	37.3	0.041	38.6	0.026
DDE	31.5	0.018	33.0	0.028	31.1	0.017
TDE	19.4	0.013	25.7	0.018	28.9	0.013
Dieldrin	18.5	0.005	21.3	0.007	15.3	0.004
Lindane	15.8	0.004	12.3	0.004	10.6	0.005
Heptachlor Epoxide	13.4	0.002	12.0	0.003	8.9	0.001
BHC	6.5	0.002	6.0	0.004	8.9	0.0021
Malathion	-	-	5.3	0.009	3.6	0.010
Carbaryl	7.4	0.15	2.7	0.026	1.1	0.007
Aldrin	5.6	0.001	3.7	0.002	3.3	0.001
2,4-D	4.2	0.005	3.0	0.002	1.7	0.001
Diazinon	-	-	3.0	0.001	0.3	T
Kelthane	0.5	0.003	3.7	0.002	5.6	0.012
PCP	1.4	T	3.3	0.006	2.2	0.001
Endrin	2.8	T	2.0	T	1.7	T

T=less than 0.001 ppm

\* 216 composites examined

\*\* 312 composites examined

\*\*\* 360 composites examined

registrations have been granted which are calculated to result in residues in milk. Therefore, there are environmental factors contributing "unavoidable residues in these commodities.

The use of fungicides and anti-scald agents on fruit prior to shipment is a common, but not invariable, practice in the major fruit producing areas in the United States. The compounds most frequently encountered during surveillance inspections are sodium ortho-phenylphenate, copper carbonate, ethoxyquin, diphenylamine and diphenyl. These compounds are applied by various means to the fruit; for example, through washes, waxes, wrappers and on pads enclosed in the shipping container.

Inspectional observations have not revealed misuses or misapplications of these chemicals which might result in residues above tolerance levels.

Analyses are rarely made on the finished product, since these compounds are not detected in the multi-residue analytical procedure routinely employed in the surveillance program. Where analyses have been made, no residues in excess of established tolerances have been found and the levels found were substantially below tolerance levels.

Tables 4-14 summarize the data obtained from samples examined as shipped in interstate commerce and as imported into the United States during fiscal years 1964-1967. Comparative averages in ppm for specific chemicals are shown for the raw product and the portion of the total diet sample most closely related to the raw product in the following food categories:

- Table 4 - Large Fruits
- Table 5 - Small Fruits
- Table 6 - Grains & Cereals (Human)
- Table 7 - Leaf & Stem Vegetables
- Table 8 - Vine and Ear Vegetables
- Table 9 - Root Vegetables
- Table 10 - Beans
- Table 11 - Eggs
- Table 12 - Nuts (except peanuts)
- Table 13 - Processed Foods
- Table 14 - Grains (animal)

Each table shows the number of samples examined, domestic and imported, the percent samples with residues, the percent with residues exceeding guidelines. The incidence and average level of the 10 most commonly found pesticide chemicals in all foods are listed for each class of

Table 4

PESTICIDE RESIDUES IN LARGE FRUITSFiscal Years 1964, 1965, 1966 and 1967Raw Agricultural Products

(apples, oranges, pears, peaches, etc.)

June 1964 - April 1967Total Died Samples - Ready-to-Eat FoodFruit Composites(oranges, orange juice, raisins  
peaches, strawberries, apricot  
cherries, pineapple, grapes,  
bananas, etc.)

No. Samples Examined:

Percent with Residues:

Percent with Residues Above

Tolerances or Guidelines:

IMPORT

2,299

53.9

74 Composites

DOMESTIC

4,399

55.6

0.4

Compounds

	Incidence Percent	Average ppm	Incidence Percent	Average ppm	Incidence Percent	Average ppm
DDT	31.7	0.14	14.7	0.02	44.6	0.008
DDE	18.9	0.01	6.6	T	43.2	0.002
TDE	8.6	0.01	2.5	T	24.3	0.002
Lindane	1.7	T	3.1	T	8.1	T <sup>1</sup>
Dieldrin	13.4	T	24.4	0.01	9.5	T <sup>1</sup>
Aldrin	6.9	T	1.0	T	27.0	0.003
BHC	0.4	T	0.7	T	1.4	T <sup>1</sup>
Endrin	1.4	T	32.5	0.01	1.4	T <sup>1</sup>
Heptachlor Epoxide	0.7	T	0.7	T	-	-
Toxaphene	0.3	T	0.1	T	-	-
Thiodan	1.2	T	0.4	T	1.4	T <sup>1</sup>
Carbaryl	*	0.01	*	-	-	-
Kelthane	8.6	0.02	3.3	0.01	9.5	0.015
Parathion	*	T	*	T	41.9	0.031
Tedion	*	T	*	T	-	-
Ethion	*	0.01	*	0.01	2.7	T <sup>1</sup>
Diazinon	*	T	*	T	-	-
Trithion	*	T	*	T	-	-

T = less than 0.005 ppm

\* Not included in analytical method 1964-1965

T<sup>1</sup> = less than 0.001 ppm



TABLE 5

(1)

PESTICIDE RESIDUES IN SMALL FRUITSFiscal Years 1964, 1965, 1966 and 1967Raw Agricultural Products(strawberries, cherries, plums, grapes,  
cranberries, etc.)IMPORTDOMESTICNo. Samples Examined:  
Percent with Residues:  
Percent Residues Above  
Tolerance or Guidelines:1,912  
55.0  
0.4  
294  
42.5  
0Specific Chemicals

	Incidence Percent	Average ppm	Incidence Percent	Average ppm
DDT	35.7	0.06	35.0	0.07
DDE	20.8	0.01	17.4	0.01
TDE	8.8	0.01	4.8	T
Lindane	1.3	T	1.4	T
Dieldrin	9.4	T	2.7	T
Aldrin	2.2	T	2.4	T
BHC	0.1	T	2.1	T
Endrin	0.5	T	1.4	T
Heptachlor Epoxide	1.0	T	0.7	T
Toxaphene	1.3	0.01	0.4	T
Kelthane	5.1	0.03	2.1	0.02
Perthane	2.7	0.06	-	
Thiodan	1.4	T	2.1	T
Parathion	*	T	*	T
Ethion	*	T	*	T
Tedion	*	0.01	*	-

T = less than 0.005 ppm

\* Not included in analytical method 1964-1965

(1) Small Fruits included in Fruit Composites of Total Diet Samples

TABLE 6

## PESTICIDE RESIDUES IN GRAINS AND CEREALS FOR HUMAN USE

(1)

Fiscal Years 1964, 1965, 1966 and 1967

Raw Agricultural Products

(wheat, grain corn, rice, etc.)

DOMESTIC

No. Samples Examined:  
 Percent with Residues:  
 Percent Residues Above  
 Tolerances or Guidelines:

6,513  
 31.6  
 1.1

IMPORT

92  
 18.5  
 2.2

June 1964 - April 1967

Total Diet Samples - Ready-to-Eat Food - Grain & CerealComposites

(flour, bread, corn meal,  
 vegetable corn, rice, macaroni  
 pie crust, etc.)

74 Composites

Specific Chemicals

	Incidence Percent	Average ppm	Incidence Percent	Average ppm	Incidence Percent	Average ppm
DDT	20.7	0.03	12.0	0.01	52.7	0.005
DDE	9.6	T	1.1	T	24.3	T <sup>1</sup>
DDE	2.6	T	-		16.2	T <sup>1</sup>
Lindane	8.6	T	9.8	T	75.4	0.008
Dieldrin	3.6	T	1.1	T	28.4	0.002
Aldrin	2.2	T	3.3	T	5.4	T <sup>1</sup>
BHC	1.5	T	1.1	T	2.7	T <sup>1</sup>
Endrin	0.2	T	1.1	T	2.7	T <sup>1</sup>
Heptachlor Epoxide	0.2	T	-		4.1	T <sup>1</sup>
Toxaphene	0.3	T	-		-	
Malathion	*	0.55	*	-	25.7	0.012
Carbaryl	*	T	*	-	5.4	0.017
PCP	-		-		5.4	0.009
Methoxychlor	2.4	0.01	-			
Chlordane	0.7	T	3.3	T		
Heptachlor	0.3	T	3.3			
Diazinon	*	T	*	-		
Parathion	*	T	*	-		

T = less than 0.005 ppm

\* Not included in analytical method 1964-1965

(1) Includes human and animal grains 1964-1965

T<sup>1</sup> = less than 0.001 ppm

TABLE 7

PESTICIDE RESIDUES IN LEAF AND STEM VEGETABLES

Fiscal Years 1964, 1965, 1966 and 1967

Raw Agricultural Products(spinach, mustard, celery, broccoli,  
cabbage, kale, etc.)DOMESTIC

No. Samples Examined:

Percent with Residues:

Percent Residues Above

Tolerances or Guidelines:

9,789

59.0

3.4

IMPORT

122

48.4

3.3

74 Composites

June 1964 - April 1967

Ready-to-Eat Foods - LeafyVegetables(beet tops, collards, mustard,  
spinach, celery, cabbage,  
broccoli, mushrooms,  
cauliflower)Specific Chemicals

	Incidence Percent	Average ppm	Incidence Percent	Average ppm	Incidence Percent	Average ppm
DDT	36.0	0.14	25.4	0.06	54.1	0.013
DDE	24.4	0.01	10.7	0.01	39.2	0.004
TDE	7.6	0.01	0.8	T	33.8	0.008
Lindane	3.7	0.01	4.9	T	10.8	T <sup>1</sup>
Dieldrin	10.1	T	13.1	0.01	6.8	T <sup>1</sup>
Aldrin	2.4	T	4.1	T	1.4	T <sup>1</sup>
BHC	1.3	T	0.3	T	6.8	T <sup>1</sup>
Endrin	4.6	T	2.5	T	2.7	T <sup>1</sup>
Heptachlor Epoxide	3.0	T	3.3	0.01	1.4	T <sup>1</sup>
Toxaphene	6.4	0.18	0.8	T	1.4	0.005
Parathion	*	0.03	*	-		
Thiodan	2.9	0.01	3.3	T		
PCNB	0.9	0.01	0.8	T		
Methoxychlor	0.2	T	2.5	0.01		
Mitox	0.02	T	1.6	T		
Diazinon	*	0.01	*	T		
Metacide	*	0.01	*	T		
Dacthal	0.6	T	-	-		

T = less than 0.005 ppm

\* Not included in analytical method 1964-1965

T<sup>1</sup> = less than 0.001 ppm



TABLE 8

## PESTICIDE RESIDUES IN VINE AND EAR VEGETABLES

<u>Fiscal Years 1964, 1965, 1966 and 1967</u>				<u>June 1964 - April 1967</u>			
<u>Raw Agricultural Products</u>				<u>Total Diet Samples - Ready-to-Eat</u>			
<u>(tomatoes, corn, squash, eggplant, etc.)</u>				<u>Foods - Garden Fruits - Composites</u>			
				<u>(pepper (raw), tomatoes, catsup, cucumbers, eggplant, squash)</u>			
<u>Tolerances or Guidelines:</u>				<u>74 Composites</u>			

TABLE 9

PESTICIDE RESIDUES IN ROOT VEGETABLES

Fiscal Years 1964, 1965, 1966 and 1967  
Raw Agricultural Products  
 (carrots, beets, potatoes, onions,  
 turnips, etc.)

June 1964 - April 1967  
Total Diet Samples - Ready-to-Eat Foods  
Root Vegetables and Potatoes  
 (carrots, onions, beets, turnips, etc.,  
 white potatoes, sweet potatoes, potato  
 chips, etc.)

IMPORTDOMESTIC

No. Samples Examined:	10,558	367	74 Composites
Percent with Residues:	49.5	53.4	
Percent Residues Above			
Tolerances or Guidelines:	2.6	0.8	

Specific Chemicals	Root Vegetables			Potatoes		
	Incidence Percent	Average ppm	Incidence Percent	Average ppm	Incidence Percent	Average ppm
DDT	33.5	0.04	24.0	0.04	18.9	0.003
DDE	30.2	0.02	7.1	T	29.7	0.003
TDE	8.5	T	1.6	T	12.2	0.002
Lindane	2.3	T	2.7	T	-	T
Dieldrin	25.8	0.01	17.7	0.01	13.5	0.001
Aldrin	2.9	T	10.1	T	-	-
BHC	0.8	T	10.1	0.02	-	-
Endrin	5.2	T	0.3	T	4.1	T
Heptachlor Epoxide	3.8	T	5.7	T	-	-
Toxaphene	1.1	T	-	T	-	-
Chlordane	1.9	T	0.3	T	-	-
Heptachlor	0.8	T	4.6	T	-	-
Diazinon	*	T	*	0.01	-	-
Parathion	*	T	*	-	-	-
Metacide	*	T	*	T	-	-

T = less than 0.005 ppm

\* Not included in analytical method 1964-1965

T<sup>1</sup> = less than 0.001 ppm

TABLE 10

PESTICIDE RESIDUES IN BEANS

<u>Fiscal Years 1964, 1965, 1966 and 1967</u>				<u>June 1964 - April 1967</u>			
<u>Raw Agricultural Products</u>				<u>Total Diet Samples</u>			
<u>(peas, green beans, lima beans, etc.)</u>				<u>Ready-to-Eat Foods</u>			
				<u>Legume Vegetables</u>			
				<u>(peas, green beans, lima beans)</u>			
				74 Composites			



TABLE 11

PESTICIDE RESIDUES IN EGGS (1)

Fiscal Years 1964, 1965, 1966 and 1967  
Raw Agricultural Products  
 (shell eggs)

	<u>DOMESTIC</u>	<u>IMPORT</u>
No. Samples Examined:	2,444	116
Percent with Residues:	72.2	52.6
Percent with Residues Above Tolerances or Guidelines	5.9	14.7

Specific Chemicals

	Incidence Percent	Average ppm	Incidence Percent	Average ppm
DDT	44.5	0.04	14.7	0.01
DDE	66.4	0.04	26.7	0.01
TDE	8.2	T	0.9	T
Lindane	6.1	T	9.5	T
Dieldrin	21.6	0.01	6.0	T
Aldrin	0.6	T	-	-
BHC	2.6	T	0.9	T
Endrin	1.1	T	-	-
Heptachlor Epoxide	3.1	T	3.4	T
Toxaphene	0.2	T	-	-

T = less than 0.005 ppm

(1) Eggs included in Meat, Fish and Poultry composites of Total Diet Samples

TABLE 12

PESTICIDE RESIDUES IN NUTSFiscal Years 1964, 1965, 1966 and 1967Raw Agricultural Products

(pecans, filberts, walnuts, etc.)

	<u>DOMESTIC</u>		<u>IMPORT</u>
No. Samples Examined:	373		122
Percent with Residues:	21.7		49.2
Percent Residues Above Tolerances or Guidelines:	0.8		0.8

Specific Chemicals

	Incidence Percent	Average ppm	Incidence Percent	Average ppm
DDT	11.5	0.03	21.3	0.02
DDE	8.8	0.01	23.0	0.05
TDE	4.0	T	12.3	0.01
Lindane	1.6	T	8.2	0.01
Dieldrin	4.3	0.06	8.2	T
Aldrin	1.1	T	0.8	T
BHC	1.6	T	22.1	0.05
Endrin	0.8	T	-	
Heptachlor Epoxide	0.5	T	-	
Toxaphene	0.3	T	1.6	T

T = less than 0.005 ppm

TABLE 13

PESTICIDE RESIDUES IN PROCESSED FOODS

Fiscal Years 1964, 1965, 1966 and 1967

Products: Canned and/or frozen products  
such as peaches, beans, carrots, apricots,  
celery powder, etc.

	<u>DOMESTIC</u>	<u>IMPORT</u>
No. Samples Examined:	606	578
Percent with Residues:	49.3	34.8
Percent with Residues Above Tolerances or Guidelines:	13.9	0.7

<u>Specific Chemicals</u>	<u>Incidence Percent</u>	<u>Average ppm</u>	<u>Incidence Percent</u>	<u>Average ppm</u>
DDT	20.0	0.12	15.1	0.03
DDE	17.5	0.33	8.7	T
TDE	9.9	0.15	5.4	0.01
Lindane	15.2	0.04	2.9	0.01
Dieldrin	6.9	0.02	7.3	0.01
Aldrin	2.5	T	1.2	T
BHC	0.7	T	3.8	T
Endrin	3.3	T	6.2	T
Heptachlor Epoxide	0.8	T	0.7	T
Toxaphene	5.0	0.45	0.2	T
Diazinon	*	0.28	-	-
Carbaryl	*	0.03	*	T
Malathion	*	0.01	-	-
Kelthane	1.3	0.01	*	T
Parathion	*	0.20	*	-
Metacide or Methyl Parathion	*	0.14	*	T
Thiodan	*	T	*	T

T = less than 0.005 ppm

\* Not included in analytical method 1964-1965



TABLE 14

PESTICIDE RESIDUES IN GRAINS (ANIMAL)Fiscal Years 1966 and 1967Raw Agricultural Products

(wheat, grain corn, milo, etc.)

	<u>DOMESTIC</u>	<u>IMPORT</u>
No. Samples Examined:	710	45
Percent with Residues:	36.9	24.5
Percent with Residues Above Tolerances or Guidelines:	1.3	0

Specific Chemicals

DDT	Incidence Percent	Average ppm	Incidence Percent	Average ppm
DDE	20.4	0.02	13.3	T
TDE	10.0	T	-	
Lindane	5.2	T	-	
Dieldrin	3.5	T	8.9	T
Aldrin	6.1	T	-	
BHC	1.7	T	2.2	T
Endrin	1.7	T	-	
Heptachlor Epoxide	0.4	T	-	
Toxaphene	2.5	T	-	
Malathion	0.1	T	-	
	*	0.06	-	

T = less than 0.005 ppm

\* Not included in analytical method 1964-1965

foods. In addition, the tables list the incidence and average of all chemicals found in more than 1% of samples in the food category. The incidence level is not shown for the organophosphorus compounds because all samples were not examined for this class of compounds until 1966. The incidence level is not shown for carbaryl because not all samples were examined for carbaryl residues.

The data from which the summary tables were prepared are given in detail in tables and graphs in the Appendix. These tables show the distribution of each residue within arbitrarily selected ranges of levels by year for domestic and imported samples. The graphs show the cumulative total, in percent, of various levels of residues in domestic and import samples.

Generally, the same kinds of pesticide residues were found in domestic and imported products. Where the positive findings for a chemical were significant, 5% or more of the samples, the levels were about the same. More than half of the samples examined contain residues and about one-third of the samples contain more than one residue.

Generally, the same kinds of pesticide chemicals are found in the foods after preparation for consumption, but there are substantial reductions in the levels. For example, the average levels for DDT found in ready-to-eat foods are about one-tenth the average in the raw product.

There have been no significant trends or changes in the incidence or levels of residues of chlorinated organic pesticide chemicals observed in the surveillance and compliance programs in either domestic or imported foods during the past 4 years. This observation is confirmed by the market basket samples used in the total diet studies on food ready for consumption.

An improved analytical procedure for organophosphorus pesticide was used beginning with the 1966 surveillance programs. In some cases the data reported in the various tables may reflect what appears to be a significant increase in the residues of organophosphorus chemicals. Although there may be some increase in the use of organophosphorus pesticides, we ascribe the higher incidence of these residues to the improved analytical procedures.

Pesticide residues found in vegetable oil seeds and their products during 1964-1966 are summarized by commodity and product in Tables 15-21. More detailed data for these commodities is not presented. Data for fiscal year 1967 was not developed because of the rather limited number of samples. However, no significant changes were observed in

TABLE 15

Vegetable Oil  
Seeds and Products  
Distribution of Residues by Products  
in Different Quantitative Ranges  
Fiscal Years 1964, 1965, 1966

Percent of Positive Samples

Level ppm	Seed %	Meal %	Crude Oil %	Refined Oil %	Oleomargarine %
T-0.03	65.2	71.4	43.0	33.3	68.4
0.04-0.10	17.8	15.1	17.7	23.1	10.5
0.11-0.50	15.8	10.1	28.5	23.1	21.1
0.51-1.00	1.0	2.1	6.6	7.7	
1.01-1.50	0.2	0.8	2.4	12.8	
1.51-2.00		0.4	0.5		
2.00			1.3		

T = less than 0.001 ppm

TABLE 16

Average Level and Incidence of Specific  
Pesticide Residues in Soybean Products  
Fiscal Years 1964-1965-1966

	Soybeans		Crude Oil		Meal (Cake)		Refined Oil	
No. Samples	550		98		143		23	
% w/Residues	26.7		34.7		14.0		17.4	
	Percent Samples	Average ppm	Percent Samples	Average ppm	Percent Samples	Average ppm	Percent Samples	Average ppm
DDT	9.6	0.006	16.3	0.015	7.0	0.005	13.0	0.003
TDE	0.7	T	7.1	0.006	1.4	T	-	-
DDE	2.7	T	6.1	0.002	3.5	0.001	-	-
Dieldrin	8.0	0.002	17.3	0.013	1.4	T	4.3	T
Lindane	2.2	T	2.0	T	4.9	0.001	-	-
Toxaphene	8.0	0.004	4.1	0.024		-	4.3	T
Endrin	9.8	0.008	6.1	0.013	0.7	T	-	-
BHC	2.9	T	11.2	0.004	0.7	T	-	-
Chlordane	0.9	T	-	-	0.7	T	-	-

## Fiscal Year 1967

No. Samples	89	17	55	10
% w/Residues	61.8	64.7	20.0	10.0

No significant changes in specific chemicals and levels from those tabulated above.

T = less than 0.001 ppm



TABLE 17

Average Level and Incidence of Specific  
Pesticide Residues in Cottonseed Products  
Fiscal Years 1964-1965-1966

	Seed		Crude Oil		Meal (Cake)		Refined Oil	
No. Samples	23		226		186		41	
% w/Residues	78.3		53.5		39.8		41.5	
	Percent Samples	Average ppm	Percent Samples	Average ppm	Percent Samples	Average ppm	Percent Samples	Average ppm
DDT	69.5	0.154	29.2	0.077	28.5	0.028	12.2	0.024
TDE	13.0	0.029	35.4	0.093	12.9	0.003	17.1	0.016
DDE	13.0	0.005	15.0	0.012	16.1	0.005	12.2	0.010
Dieldrin	4.3	0.015	2.7	T	1.6	T	2.4	T
Lindane	4.3	0.003	8.4	0.008	8.6	0.003	2.4	0.018
Toxaphene	30.4	0.023	1.3	0.010	1.1	0.003	12.2	0.140
BHC	8.7	0.017	2.7	0.004	4.8	0.008	-	-
Chlordane	8.7	0.004	2.2	0.017	6.5	0.012	2.4	0.007

## Fiscal Year 1967

No. Samples	4	36	62	5
% w/Residues	25.0	52.8	35.5	60.0

No significant changes in specific chemicals  
and levels from those tabulated above.

**T = less than 0.001 ppm**

TABLE 18

Average Level and Incidence of Specific  
Pesticide Residues in Peanut Products  
Fiscal Years 1964-1965-1966

	Nuts		Crude Oil		Meal (Cake)		Refined Oil	
No. Samples	177		36		31		10	
% w/Residues	26.6		75.0		61.3		33.3	
	Percent Samples	Average ppm	Percent Samples	Average ppm	Percent Samples	Average ppm	Percent Samples	Average ppm
DDT	13.5	0.025	66.7	0.466	45.2	0.140	20	0.060
TDE	1.7	T	41.7	0.128	22.6	0.026	20	0.007
DDE	9.6	0.001	58.3	0.090	38.7	0.025	20	0.032
Dieldrin	8.5	0.008	22.2	0.017	22.6	0.006	20	0.007
Lindane	2.8	0.002	5.6	0.001	3.2	T	-	-
Toxaphene	1.7	0.006	2.8	0.008	-	-	-	-
Endrin	1.1	T	2.8	0.008	-	-	-	-
BHC	3.4	0.007	8.3	0.002	12.9	0.006	10	0.002

## Fiscal Year 1967

No. Samples	29	4	6	1
% w/Residues	58.6	75.0	50.0	100

No significant changes in specific chemicals  
and levels from those tabulated above.

T = less than 0.001 ppm

TABLE 19

Average Level and Incidence of Specific  
Pesticide Residues in Corn Products

## Percent of Samples

	Grain		Crude Oil		Refined Oil	
No. Samples	819		27		8	
% w/Residues	13.4		25.9		25.0	
	Percent Samples	Average ppm	Percent Samples	Average ppm	Percent Samples	Average ppm
DDT	5.7	0.007	14.8	0.067	12.5	0.038
TDE	1.2	0.003	11.1	0.060	12.5	0.002
DDE	2.9	T	11.1	0.016	-	-
Dieldrin	4.4	0.001	11.1	0.013	-	-
Lindane	2.6	T	-	-	-	-
Toxaphene	-	-	-	-	-	-
Endrin	0.1	T	-	-	-	-
Chlordane	-	-	3.7	0.080	-	-

## Fiscal Year 1967

No. Samples	213	1	2
% w/Residues	45.5	0	0

No significant changes in specific chemicals  
and levels from those tabulated above.

T = less than 0.001 ppm

TABLE 20  
Average Levels of Chlorinated Pesticide Residues  
in Vegetable Oil Seeds and Products  
Fiscal Years 1964-1965-1966

		Parts per Million					Total Diet* Composites
	Product	Crude Oil	Meal or Cake	Refined Oil	Oleo- Margarine		
<u>DDT</u>							
Soybean	0.006	0.015	0.005	0.003			
Cottonseed	0.154	0.077	0.028	0.024			
Peanut	0.025	0.466	0.140	0.060			
Corn	0.007	0.067		0.038			
TOTAL	0.015	0.097	0.023	0.022	0.026	0.006	
<u>TDE</u>							
Soybean	T	0.006	T	-			
Cottonseed	0.029	0.093	0.003	0.016			
Peanut	T	0.128	0.026	0.007			
Corn	0.003	0.060		0.002			
TOTAL	0.001	0.072	0.005	0.010	0.002	0.008	
<u>DDE</u>							
Soybean	T	0.002	0.001	-			
Cottonseed	0.005	0.012	0.005	0.010			
Peanut	0.001	0.090	0.025	0.032			
Corn	T	0.016		-			
TOTAL	0.003	0.016	0.005	0.010	0.001	0.004	
<u>DIELDRIN</u>							
Soybean	0.002	0.013	T	T			
Cottonseed	0.015	T	T	T			
Peanut	0.008	0.017	0.006	0.007			
Corn	0.001	0.013		-			
TOTAL	0.004	0.006	T	T	-	0.001	
<u>LINDANE</u>							
Soybean	T	T	0.001	-			
Cottonseed	0.003	0.008	0.003	0.018			
Peanut	0.002	0.001	T	-			
Corn	T	-		-			
TOTAL	T	0.005	0.003	0.01	-	T	
<u>TOXAPHENE</u>							
Soybean	0.004	0.024	-	T			
Cottonseed	0.023	0.010	0.003	0.140			
Peanut	0.006	0.008	-	-			
Corn	-	-		-			
TOTAL	0.017	0.015	0.002	0.078	-	-	
<u>ENDRIN</u>							
Soybean	0.008	0.013	T				
Cottonseed	-	-	-	-			
Peanut	T	0.008	-	-			
Corn	T	-		-			
TOTAL	0.006	0.004	T	-	-	T	
<u>BHC</u>							
Soybean	T	0.004	T	-			
Cottonseed	0.017	0.004	0.008	-			
Peanut	0.007	0.002	0.006	0.002			
Corn	-	-	-	-			
TOTAL	0.003	0.003	0.004	T	T	0.001	
<u>CHLORDANE</u>							
Soybean	T	-	T	-			
Cottonseed	0.004	0.017	0.012	0.007			
Peanut	-	-	-	-			
Corn	-	0.080		-			
TOTAL	T	0.017	0.006	0.004	-	-	

\*Salad dressings, salad oil, mayonnaise, shortening & peanut butter. 74 composites 6/64-4/67

T = less than 0.001 ppm



TABLE 21

Incidence of Specific Residues  
in Oleomargarine

(1) Average of findings Fiscal Years 1964, 1965 and 1966				
(2) Average of findings Fiscal Year 1967				
	(1)		(2)	
No. Samples	53		23	
% w/Residues	18.9		17.4	
	Samples Percent	Average ppm	Samples Percent	Average ppm
DDT	18.9	0.026	13.0	0.014
TDE	5.7	0.002	13.0	0.014
DDE	7.5	0.001	8.7	0.034
BHC	3.8	T	4.3	T
Dieldrin	-		4.3	T

T = less than 0.001 ppm

the relative incidence, kinds or levels of pesticide chemicals in the commodities or products for the entire period. No samples were found exceeding tolerances, except for dieldrin in soybeans, where the tolerance is zero. Although the average levels of residues in vegetable oil seeds and their products are very low, a majority of the residues are not sanctioned by tolerances. Most of the chlorinated organic chemicals are found in the oil fraction and are mostly removed in the refining process as is shown in the results on surveillance samples of refined oils and oleomargarine and confirmed in the oils, fats and shortening components of the total diet samples. There are potential problems of residues in oil seed meals even at low levels when used as animal feed.

Dairy products have been mentioned as contributing substantially, 13.6%, to the total dietary intake of chlorinated organic chemicals. Tables 22-24 summarize the findings of residues in dairy products, domestic and imported, for fiscal years 1964-1967 inclusive. The data from which these tables were prepared are given in detail in the Appendix.

This representative annual sampling of milk and dairy products marketed in the U.S. during this period shows that DDE, dieldrin, DDT, heptachlor epoxide, TDE, BHC, lindane, aldrin, heptachlor and methoxychlor account for 99% of the chlorinated organic residues found. More than 20 other chemicals were found in one or more of the 16,478 samples of domestic and imported dairy products examined. A substantial majority, 95%, of the samples were below 0.5 ppm on a fat basis and 71.5% were below 0.11 ppm.

Table 24 shows that the average levels and kinds of pesticide chemicals found in the objective samples are in good agreement with the findings on the dairy portion of the total diet samples collected at a different point in the distribution chain.

There are no known approved uses of pesticide chemicals which are calculated to result in residues in milk above the legal tolerance level. Their presence in milk fat results from indirect sources and misuse. Steps have been taken to minimize the indirect sources by reducing the approved uses and use patterns of some of the more persistent chlorinated organic pesticides. The lower average levels of dieldrin and heptachlor epoxide in 1967 may reflect this reduction if confirmed in 1968.

TABLE 22

PESTICIDE RESIDUES IN FLUID MILK  
(Fat Basis)

Fiscal Years 1964, 1965, 1966 and 1967

		<u>DOMESTIC</u>	
No. Samples Examined:		10,807	
Percent with Residues:		58.6	
Percent with Residues Above			
Guidelines		4.8	
<u>Specific Chemicals</u>		Incidence Percent	Average ppm
DDT		24.5	0.04
DDE		42.9	0.07
TDE		16.0	0.02
Lindane		4.4	T
Dieldrin		28.8	0.04
Aldrin		2.2	T
Heptachlor Epoxide		23.0	0.03
BHC		9.3	0.01
Heptachlor		0.8	T
Methoxychlor		0.9	T

T = less than 0.005 ppm

TABLE 23

PESTICIDE RESIDUES IN DAIRY PRODUCTS  
(Fat Basis)

Fiscal Years 1964, 1965, 1966 and 1967  
Manufactured Dairy Products  
(butter, cheese, ice cream, etc.)

	<u>DOMESTIC</u>	<u>IMPORT</u>
No. Samples Examined:	4,489	1,182
Percent with Residues:	57.2	58.2
Percent with Residues Above Guidelines or Tolerances:	2.1	3.7

Specific Chemicals

	Incidence Percent	Average ppm	Incidence Percent	Average ppm
DDT	25.6	0.04	24.6	0.09
DDE	43.6	0.06	33.5	0.07
TDE	19.8	0.02	16.2	0.06
Lindane	6.4	T	6.3	0.01
Dieldrin	25.0	0.03	14.6	0.01
Aldrin	1.4	T	3.2	T
Heptachlor Epoxide	21.3	0.02	3.0	T
BHC	12.9	0.02	26.6	0.14
Heptachlor	0.8	T	0.1	T
Methoxychlor	0.4	T	-	

T = less than 0.005 ppm



TABLE 24

Average Levels of Pesticide Chemicals in Dairy Products  
Parts per Million (fat basis)

- (1) Average findings for Fiscal Years 1964, 1965 and 1966  
 (2) Average findings for Fiscal Year 1967  
 (3) Total Diet Samples June 1964 - April 1966  
 (4) Total Diet Samples June 1966 - April 1967

	Objective Samples		Total Diet Samples	
	(1)	(2)	(3)	(4)
DDE	0.066	0.087	0.074	0.050
Dieldrin	0.042	0.017	0.017	0.019
DDT	0.042	0.033	0.037	0.032
Heptachlor Epoxide	0.036	0.005	0.010	0.006
TDE	0.026	0.017	0.013	0.022
BHC	0.007	0.055	0.008	0.011
Lindane	0.004	0.006	0.005	0.003
Aldrin	0.001	0.001	0.001	0.001
Heptachlor	0.002	T	-	0.001
Methoxychlor	0.001	0.001	0.002	0.005

T = less than 0.001 ppm

This data shows that the average level of individual pesticide chemicals found in the various food categories is substantially below the quantities sanctioned by U.S. tolerances and administrative guidelines. The combined residue load of all pesticide chemicals found in the various food categories is far below sanctioned limits when calculated by proportionate parts of individual pesticides within similar chemical classes.

Inspection of the tables and charts in the Appendix show relatively uniform patterns of residue among the various quantitative ranges of residue levels, pesticide chemicals, food categories and years. There is a difference in order of magnitude in the incidence of residues above 0.5 ppm, even in those products and chemicals where the tolerance is much higher. Additional study is required to determine the full significance of this information. There are relatively few instances where the kinds and amounts of pesticide chemicals found on domestic foods differ from those found on imported foods and in such cases only one or two pesticide chemicals are involved.

In rather general terms, the data supports the following conclusions:

- (a) Small amounts of chlorinated organic and organophosphorus pesticide chemicals are commonly present in foods as shipped in interstate and international commerce. Even smaller amounts of these chemicals are found in food when ready to eat. Herbicides and carbamate type pesticides are found infrequently in the total diet samples and cannot be recognized as a common component of the dietary intake of pesticide chemicals.
- (b) The current dietary intake of pesticide chemicals in the United States is below safe levels established by U.S. and international authorities.
- (c) The current legally sanctioned tolerances are substantially higher than the average amounts actually found in foods and for a vast majority of the individual lots where residues are actually present. The proportion of food containing residues at or above the tolerance level is exceedingly small.
- (d) Many unsanctioned residues are found on foods, more as a result of environmental factors than from misuse. The lack of a legal sanction, or approval, for residues in or on

food does not insure that foods will remain free of such residues. Some of these are being found through the use of improved and more sensitive analytical procedures. Improved methods are employed in the programs as soon as they are available.

- (e) The tolerance and control system employed by the U.S. has been successful in maintaining a food supply within established and safe limits of pesticide chemicals needed in the production of food and fiber.

The results of the registration, research, monitoring, surveillance, and compliance programs concerned with pesticides and pesticide residues are of limited value unless some mechanism is established to carry this information to other scientists, to those who advise on the use of pesticides, to those who use the pesticides, and to those who consume the commodities protected by pesticides.

The U.S. Department of Agriculture conducts a continuing nationwide information and education program on pesticide safety and pest control. The audience for this program is both the general consuming public and specific interest groups including housewives and gardeners, farmers and ranchers, commercial applicators and food processors, dealers and manufacturers.

The Department makes use of a wide variety of communications techniques and media to disseminate information. These include television and radio spot announcements and features, newspaper and magazine articles, safety cartoons, teaching aids for the schools, publications both for the lay public and the scientist, motion pictures and exhibits, and other channels. Regional and local schools and training courses are conducted for pesticide applicators, pest control operators, dealers, and other specialized groups.

Pesticide registrations are published in the USDA Summary of Registered Agricultural Pesticide Chemical Uses. As new registrations are granted, the appropriate information is published in loose leaf form and sent to all holders of the USDA Summary. At periodic intervals, the Summary is updated to incorporate the registrations granted since the last publication date. Approximately 6,000 copies of the Summary are distributed nationally and internationally.

A Pesticide Coordinator has been established within the Extension Service in each of the 50 States. The Pesticide Coordinator serves as a focal point for the receipt and dissemination of information on pesticides, pesticide usage, established tolerances, safe and proper usage, storage and handling of pesticide chemicals. The Coordinator also develops and maintains liaison with appropriate State agencies, such as State Departments of Agriculture, Public Health, Fish and Game, Resources and Conservation, Forestry, Recreation and other groups, organizations or associations having an interest in the safe and effective use of pesticides.

The Food and Drug Administration conducts a consumer information service thereby providing current information on the status of pesticides.

Each of the 17 Field Districts provides a Consumer Consultant who works closely with the various consumer groups such as Women's Clubs, Parent-Teachers Organizations, and similar groups. The Consumer Consultant indicates the need for the safe use and storage of pesticides, the need for reading and following the directions on the label, and provides printed informational material for distribution to the consumer groups. In these activities, the Consumer Consultants work very closely with the members of the State Extension Services.



The entire area of pesticides is coordinated under the activities of the Federal Committee of Pest Control. This Committee is composed of representatives of the Departments of Agriculture; Defense; Health, Education and Welfare; and Interior. There are four subcommittees within the Federal Committee on Pest Control. The membership of the subcommittees is drawn from the four Departments. The subcommittees and their functions are:

1. Research Subcommittee. Evaluates all federally financed pest control research to determine completeness of programs, duplication of effort and makes recommendations to the parent committee for its consideration.
2. Monitoring Subcommittee. Evaluates and coordinates all federally financed programs in monitoring the presence and effect of pesticides in the environment. The Pesticide Monitoring Journal is published under the direction of this committee.
3. Information Subcommittee. Coordinates the pesticide informational activities of the four Departments.
4. Program Review Subcommittee. All federally financed pesticide programs must be reviewed by the Federal Committee on Pest Control. The Program Review Subcommittee reviews these programs from the standpoint of safety to the applicators and the general public; safety to nontarget organisms, such as fish and wildlife; need for controlling the pest; and suitability of suggested pest control materials and methods.

The effectiveness of the Federal Committee on Pest Control can perhaps best be illustrated by the fact that, while it has no statutory authority over the various Departments of the Government, the recommendations of this Committee have been followed in all cases during the three years of the Committee's existence.

## CONCLUSIONS

Results of residue analyses demonstrate that the U.S. system for establishing tolerances and enforcing pesticide regulations has been effective; the food that American farmers produce is good, safe, and nutritious.

Actual pesticide residues found on U.S.-produced foods are as low, in the main, as the lowest of the several national tolerances of other nations. Commodities imported into the United States generally contain the same levels of chemicals as do domestically produced products.

Total diet studies over a 4-year period reveal that ingestion of pesticide residues is lower than amounts judged to be safe by a joint committee on pesticides of the Food and Agricultural Organization of the United Nations and the World Health Organization, and by the U.S. Food and Drug Administration.

The formulation and successful enforcement of pesticide regulations in the United States is the product of close cooperation between the industry, the Department of Agriculture, the Food and Drug Administration of the Department of Health, Education, and Welfare, the State departments of agriculture, the Cooperative Extension Services, the land-grant universities and colleges, and an informed public.

## SUMMARY

The United States is committed by law, policy, and the traditions of many decades to assure that the food supply of the Nation is safe, clean, and wholesome. The United States is committed to full enforcement of these laws, and accordingly, has developed criteria and protocols that are effective, workable, and enforceable. Within this primary goal, the United States seeks means that will permit its achievement with minimal dislocation of production or trade.

The statutory authority for the regulation of pesticides and pesticide residues entering interstate commerce has been established by the Congress of the United States. Under these statutes, the responsibility for registration of pesticides and pest control materials has been delegated to the U.S. Department of Agriculture. The establishment of tolerances for pesticides in or on human food and animal feeds has been delegated to the Food and Drug Administration of the Department of Health, Education, and Welfare. The basic laws are the Federal Insecticide, Fungicide and Rodenticide Act; the Food, Drug, and Cosmetic Act; and the meat and poultry inspection acts.

To obtain registration, a distributor must submit copies of his proposed labeling with adequate research data to support all of the claims made for the product to the Department of Agriculture. The data and the proposed label are carefully reviewed by specialists in pharmacology, chemistry, entomology, agronomy, plant and animal biology and bacteriology. The data must establish that the material, when used as directed,

1. will not result in hazard to the user or to the consumer of the treated commodities,
2. will not cause injury to crops or objects to which it is applied or to beneficial animals which are exposed,
3. will provide the pest control that is claimed on the label.

If all the specialists are convinced that the product can be used effectively and safely, and will not leave illegal residues on food or feed when all label warnings and directions are followed, it is accepted for registration and is registered.

When a petitioner or other interested party applies for registration of a product under the Federal Insecticide, Fungicide, and Rodenticide Act -- with directions for use on food or feed crops or in a manner which is likely to result in residues on food or feed -- he is informed that registration will not be issued until a finite tolerance or exemption is established.

The petitioner then must assemble and submit to the Food and Drug Administration and to the Department of Agriculture adequate residue data to show conclusively the level of residues likely to result. He must also submit adequate safety data to prove that the residues, in or on the food, would be

safe. In addition, the petitioner is required to provide an analytical method that will routinely detect and measure residues of the chemical. The analytical method must be usable in regulatory programs.

The Department of Agriculture evaluates the data and the proposed labeling. It certifies to the Food and Drug Administration that the pesticide is satisfactory for the proposed use, and expresses an opinion on the adequacy of the residue data. In many cases, the Department will certify usefulness of the pesticide, but may require changes in the label prior to final registration. Specialists in the Food and Drug Administration then evaluate the chemistry and toxicity data to determine if a tolerance is justified.

If the residue chemistry and safety data are found to be adequate, the tolerance is established and the Department of Agriculture issues a registration.

If the data are determined to be inadequate to justify the proposed tolerance, the Food and Drug Administration will refuse to establish the proposed tolerance and may establish a tolerance at a lower level, or a zero tolerance if the data warrant such action. The Department of Agriculture then grants a registration when justified on the basis of the tolerance established by the Food and Drug Administration.

Upon registration, the Department of Agriculture publishes and distributes the appropriate information in the USDA Summary of Registered Pesticide Uses. The Food and Drug Administration, upon establishment of a tolerance, publishes the appropriate information in the Federal Register.

The Department of Agriculture and the Food and Drug Administration maintain a nationwide surveillance program on pesticides and pesticide residues in interstate commerce. In the Department of Agriculture, a force of 31 inspectors working out of Washington, D.C., and five field stations, systematically inspect and sample pesticides in warehouses and in sales outlets. The pesticides are inspected for registration, adequacy of information on the label, and for other important aspects. The inspectors also sample representative pesticides and submit the samples for chemical analysis and biological activity.

The Food and Drug Administration surveillance programs have been expanded substantially. This agency now collects and examines 25,000 samples annually in addition to such inspections in the growing areas as are necessary to determine the actual practices being followed in the growing areas. Quantitative multi-residue methods of analysis using gas-liquid chromatography at routine sensitivity levels of approximately 0.03 p.p.m. on most crops were in common use beginning July 1963.

The data presented in this report are from samples collected on an essentially random basis where there was no suspicion of excessive residues or misuse of the pesticide chemicals. The findings are considered to be generally representative of the food supply.



In general, during the past 4 years, about one-half of the samples contained residues of one or more pesticide chemicals. About 3 percent of the samples were found to exceed legal tolerances or, in the absence of legal tolerances, administrative guidelines for excessive residues. Wherever possible, foods containing excess residues were removed from the market. Over 75 percent of the individual residues found were below 0.11 part per million, and 95 percent of the residues were below 0.51 part per million. This general pattern is observed when the data are considered by specific pesticide chemical, by food category, by domestic and imported products, or when considered on an annual basis. The average level of residues within a food category was quite low, and the percentage of lots containing residues in excess, to 2 parts per million was very low.

The formulation of adequate pesticide regulations, like any other regulation, must be firmly based on research and use experience. Within the United States, as in many countries, industry, educational institutions, and State and Federal laboratories have utilized their combined efforts to develop, test, and evaluate chemical methods and other methods for pest control.

The U.S. Department of Agriculture conducts, and otherwise supports, comprehensive programs involving pesticides and related activities. The objective is to develop and encourage the use of those means of effective pest control which provide the least potential hazard to man, animals, and their environment.

The Department also supports research in private and public agencies through contracts and grants. Major grant funds are allocated to State Agricultural Experiment Stations and Schools of Forestry through procedures authorized by Congress under the Hatch and McIntire-Stennis Acts.

The pesticide-related research activities of the Food and Drug Administration are designed to support and strengthen the efforts to establish and enforce pesticide residue tolerances. The activities fall into the two major areas of chemical research and biological research.

The chemical research on pesticide residues in foods is two-fold: It involves (1) establishing the chemical identity of the residue, including significant conversion products, and (2) developing, improving, and validating methodology for measuring the amount of such residue.

The development of adequate methodology for the analysis of pesticide residues is a continuing problem and requires a major share of the research effort. The biological research program is directed toward evaluating the hazards of pesticide residues and their conversion products by acquiring information on the effects of these materials on animals and man.

The pesticide regulation system in the United States is effective, and provides protection to the user of the pesticide and the consumer of the commodities treated with pesticides.

## APPENDIX

The tables and figures in this section are numbered to correspond with the summary tables given in the text. For example, Table 4 summarized the findings of pesticide residues in Large Fruits. The table in the Appendix identified 4A gives more detailed information on the levels of residues, including the number of samples, of each specific chemical found in Large Fruits. Figures identified 4A show the average distribution of quantitative levels of each specific chemical in Large Fruits. The statistical table identified as 4B lists the lower 95% confidence limit at several levels for certain chemicals. Table 5A, Figure 5A and Table 5B provide additional information on residues in Small Fruits summarized in Table 5.

Generally, figures were prepared only when data was collected routinely on all samples of a food category for each of the 4 years. This primarily affects organophosphorus chemicals and carbaryl. Detailed data was not developed for Processed Foods, Table 13 or for Vegetable Oil Seed and Products, Tables 15-21.

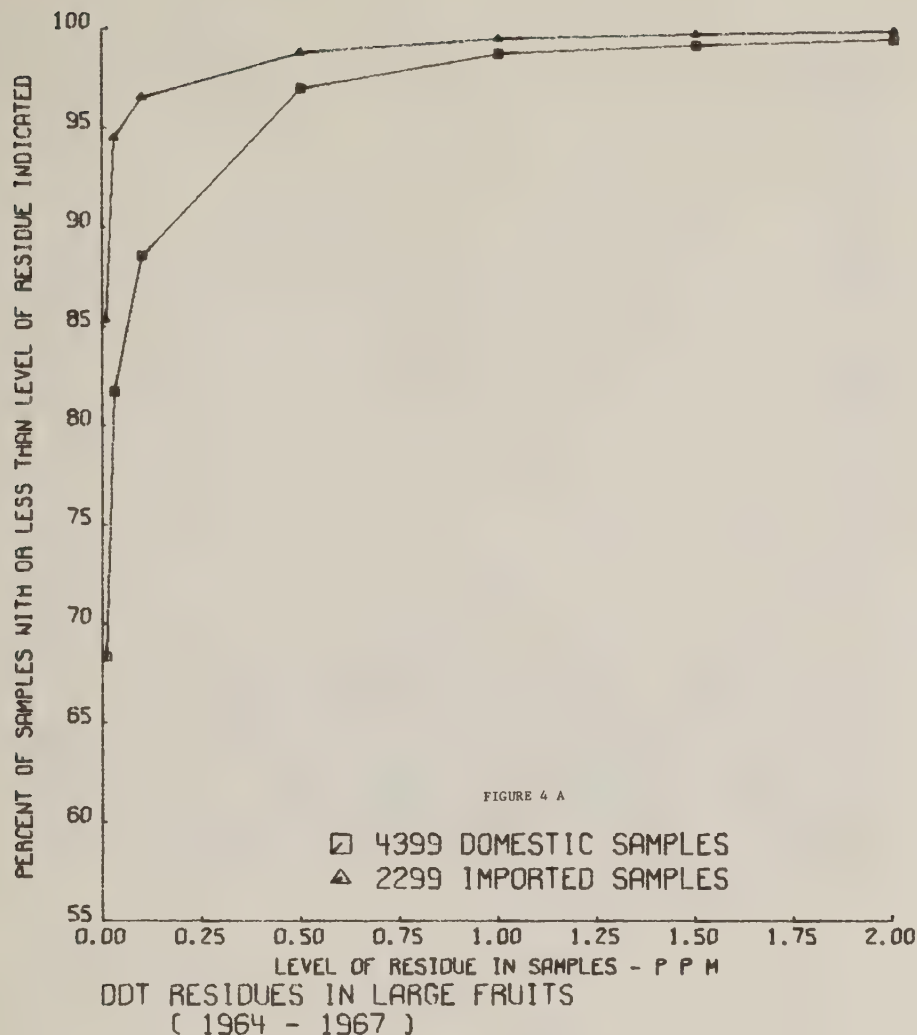


TABLE 4 A

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	70.21	66.51	66.81	68.75	68.28	72.46	65.03	72.79	88.68	85.29
TRACE-0.03	7.33	16.23	13.49	16.37	13.41	5.79	10.48	11.02	9.24	9.22
0.04-0.10	7.77	6.83	6.63	6.18	6.81	6.52	9.09	6.61	.85	2.04
0.11-0.50	10.91	7.72	9.33	6.72	8.54	10.86	10.48	5.14	.79	2.26
0.51-1.00	2.09	1.90	1.68	1.49	1.77	3.62	2.79	4.41	.15	.78
1.01-1.50	.43	.33	1.12	.20	.47	.72	.69	0.00	.21	.26
1.51-2.00	.61	.22	.11	.13	.27	0.00	1.39	0.00	.05	.13
ABOVE 2.00	.61	.22	.78	.13	.40	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.25	.06	.22	.05	.14	.07	.09	.06	.01	.02

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	70.21	66.51	66.81	68.75	68.28	72.46	65.03	72.79	88.68	85.29
0.03	77.55	82.75	80.31	85.12	81.70	78.26	75.52	83.82	97.92	94.51
0.10	85.32	89.58	86.95	91.30	88.52	84.78	84.61	90.44	98.77	96.56
0.50	96.24	97.31	96.28	98.02	97.06	95.65	95.10	95.58	99.57	98.82
1.00	98.34	99.21	97.97	99.52	98.84	99.27	97.90	99.99	99.73	99.60
1.50	98.77	99.55	99.10	99.72	99.31	99.99	98.60	99.99	99.94	99.86
2.00	99.38	99.77	99.21	99.86	99.59	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	804	594	594	1012	3004	100	93	99	1669	1961
TRACE-0.03	84	145	120	241	590	8	15	15	174	212
0.04-0.10	89	61	59	91	300	9	13	9	16	47
0.11-0.50	125	69	83	99	376	15	15	7	15	52
0.51-1.00	24	17	15	22	78	5	4	6	3	18
1.01-1.50	5	3	10	3	21	1	1	0	4	6
1.51-2.00	7	2	1	2	12	0	2	0	1	3
ABOVE 2.00	7	2	7	2	18	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

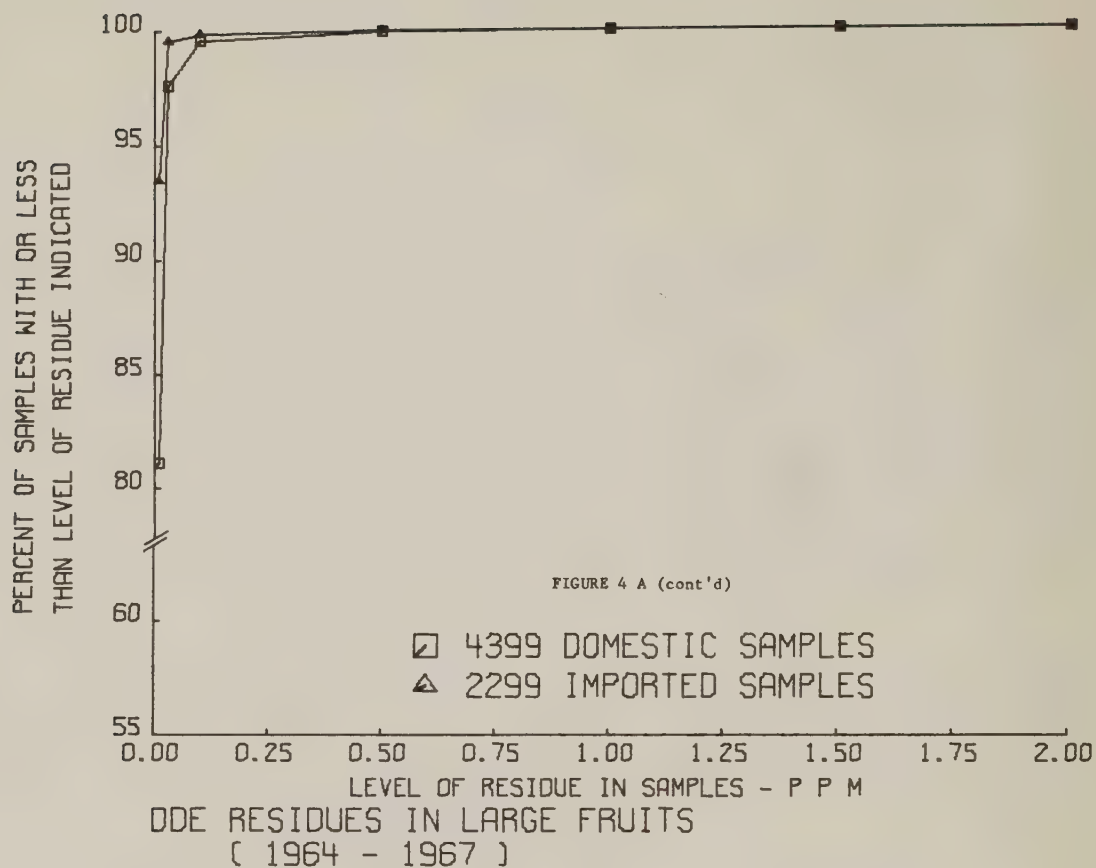


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	87.33	77.49	79.30	79.48	81.08	80.43	76.92	83.82	96.33	93.43
TRACE-0.03	9.69	21.16	18.11	18.07	16.52	16.66	21.67	14.70	3.50	6.08
0.04 -0.10	2.27	1.11	2.36	1.97	1.95	1.44	1.39	.73	.15	.34
0.11 -0.50	.69	.22	.22	.33	.38	1.44	0.00	.73	0.00	.13
0.51 -1.00	0.00	0.00	0.00	.06	.02	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	.06	.02	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	.01	.01	.01	.01	.01	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	87.33	77.49	79.30	79.48	81.08	80.43	76.92	83.82	96.33	93.43
0.03	97.03	98.65	97.41	97.55	97.61	97.10	98.60	98.52	99.84	99.52
0.10	99.30	99.77	99.77	99.52	99.56	98.55	99.99	99.26	99.99	99.86
0.50	99.99	99.99	99.99	99.86	99.95	99.99	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.93	99.97	99.99	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.93	99.97	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.93	99.97	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1000	692	705	1170	3567	111	110	114	1813	2148
TRACE-0.03	111	189	161	266	727	23	31	20	66	140
0.04 -0.10	26	10	21	29	86	2	2	1	3	8
0.11 -0.50	8	2	2	5	17	2	0	1	0	3
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	1	1	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299



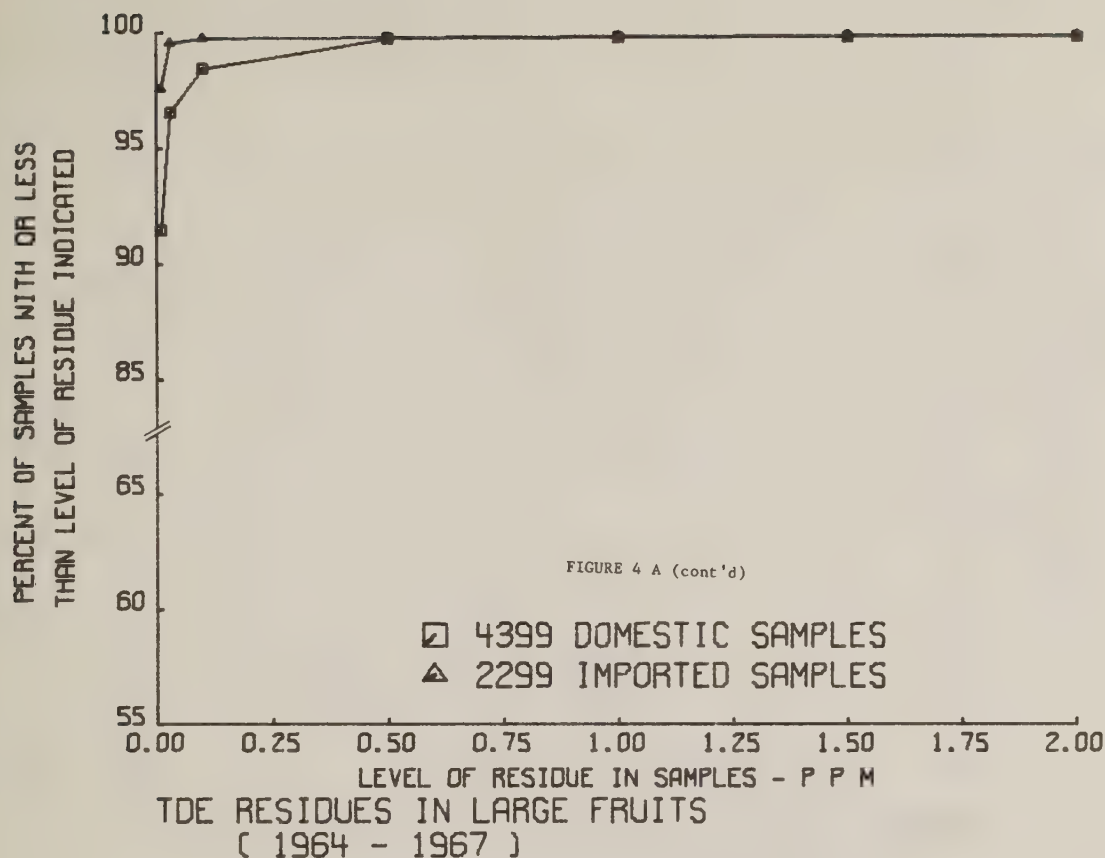


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	94.49	89.24	91.00	90.69	91.45	96.37	96.50	97.79	97.66	97.52
TRACE-0.03	3.05	7.05	5.17	5.36	5.06	.72	2.09	2.20	2.12	2.04
0.04 -0.10	1.31	2.35	2.36	1.83	1.90	1.44	0.00	0.00	.10	.17
0.11 -0.50	1.04	1.00	1.46	1.82	1.32	.72	0.00	0.00	.10	.13
0.51 -1.00	.08	0.00	0.00	.20	.09	.72	.69	0.00	0.00	.08
1.01 -1.50	0.00	.11	0.00	0.00	.02	0.00	.69	0.00	0.00	.04
1.51 -2.00	0.00	.11	0.00	0.00	.02	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	.11	0.00	.06	.04	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	.01	.01	.01	.01	.01	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	94.49	89.24	91.00	90.69	91.45	96.37	96.50	97.79	97.66	97.52
0.03	97.55	96.30	96.17	96.05	96.52	97.10	98.60	99.99	99.78	99.56
0.10	98.86	98.65	98.53	97.89	98.43	98.55	98.60	99.99	99.89	99.73
0.50	99.91	99.66	99.99	99.72	99.81	99.27	98.60	99.99	99.99	99.86
1.00	99.99	99.66	99.99	99.93	99.90	99.99	99.30	99.99	99.99	99.95
1.50	99.99	99.77	99.99	99.93	99.93	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.88	99.99	99.93	99.95	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1082	797	809	1335	4023	133	138	133	1838	2242
TRACE-0.03	35	63	46	79	223	1	3	3	40	47
0.04 -0.10	15	21	21	27	84	2	0	0	2	4
0.11 -0.50	12	9	13	27	61	1	0	0	2	3
0.51 -1.00	1	0	0	3	4	1	1	0	0	2
1.01 -1.50	0	1	0	0	1	0	1	0	0	1
1.51 -2.00	0	1	0	0	1	0	0	0	0	0
ABOVE 2.00	0	1	0	1	2	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

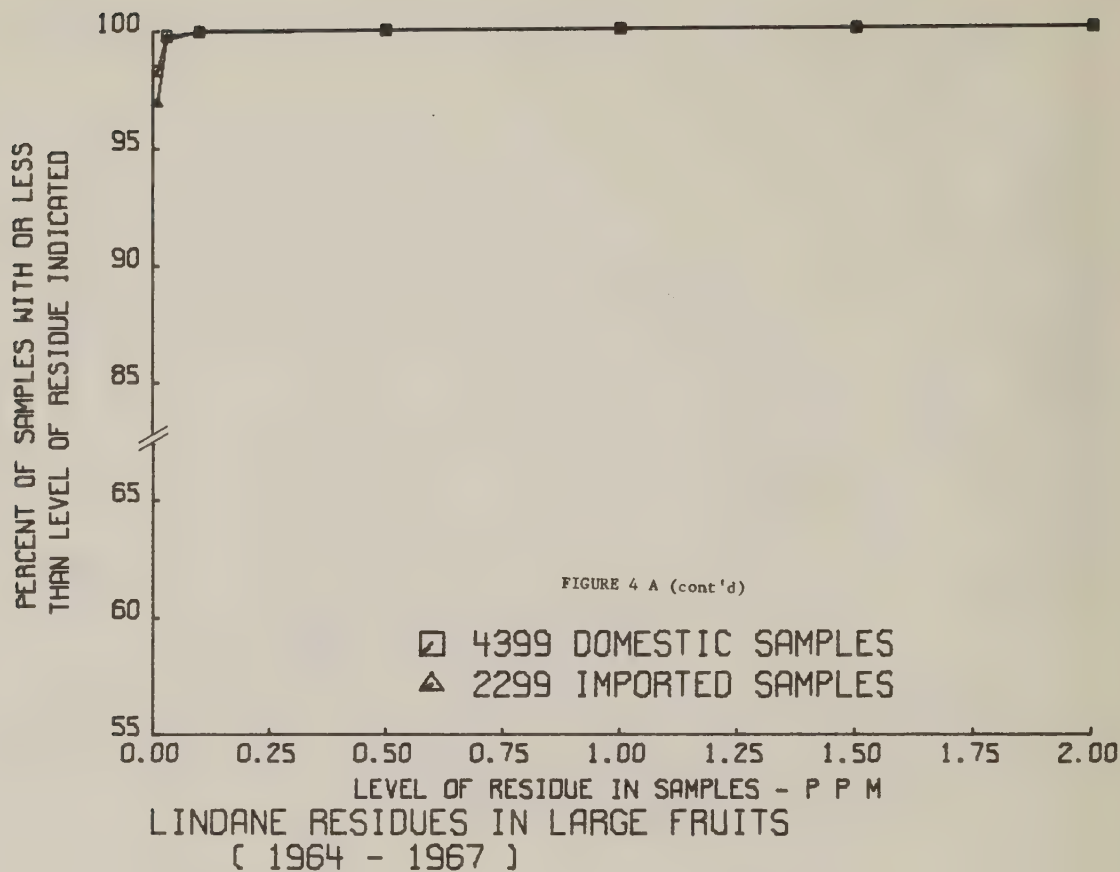


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.51	98.32	97.97	98.30	98.29	97.82	96.50	99.26	96.70	96.91
TRACE-0.03	1.04	1.45	1.79	1.69	1.50	1.44	3.49	.73	2.92	2.74
0.04 -0.10	.34	0.00	.22	0.00	.13	.72	0.00	0.00	.37	.34
0.11 -0.50	.08	.11	0.00	0.00	.04	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	.11	0.00	0.00	.02	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.51	98.32	97.97	98.30	98.29	97.82	96.50	99.26	96.70	96.91
0.03	99.56	99.77	99.77	99.99	99.79	99.27	99.99	99.99	99.62	99.65
0.10	99.91	99.77	99.99	99.99	99.93	99.99	99.99	99.99	99.99	99.99
0.50	99.99	99.88	99.99	99.99	99.97	99.99	99.99	99.99	99.99	99.99
1.00	99.99	99.88	99.99	99.99	99.97	99.99	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1128	878	871	1447	4324	135	138	135	1820	2228
TRACE-0.03	12	13	16	25	66	2	5	1	55	63
0.04 -0.10	4	0	2	0	6	1	0	0	7	8
0.11 -0.50	1	1	0	0	2	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	1	0	0	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

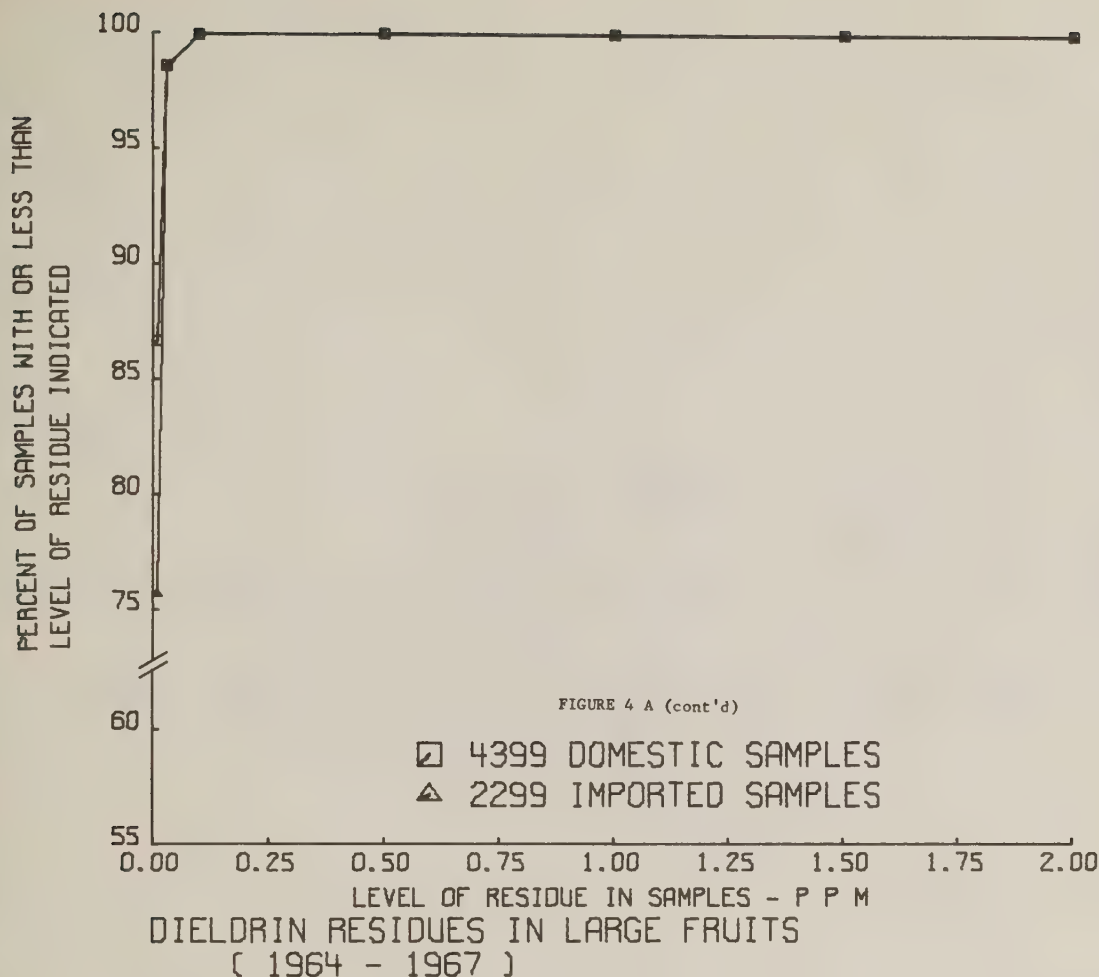


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	91.35	82.86	83.57	87.16	86.65	97.82	95.80	90.44	71.41	75.64
TRACE-0.03	7.86	15.67	13.61	11.61	11.86	1.44	3.49	5.14	27.09	22.79
0.04 -0.10	.52	1.45	2.69	1.15	1.36	.72	.69	4.41	1.43	1.52
0.11 -0.50	.26	0.00	.11	.06	.11	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.04
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	91.35	82.86	83.57	87.16	86.65	97.82	95.80	90.44	71.41	75.64
0.03	99.21	98.54	97.18	98.77	98.52	99.27	99.30	95.58	98.51	98.43
0.10	99.73	99.99	99.88	99.93	99.88	99.99	99.99	99.99	99.94	99.95
0.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.94	99.95
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.94	99.95
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.94	99.95
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.94	99.95

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1046	740	743	1283	3812	135	137	123	1344	1739
TRACE-0.03	90	140	121	171	522	2	5	7	510	524
0.04 -0.10	6	13	24	17	60	1	1	6	27	35
0.11 -0.50	3	0	1	1	5	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	1	1
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

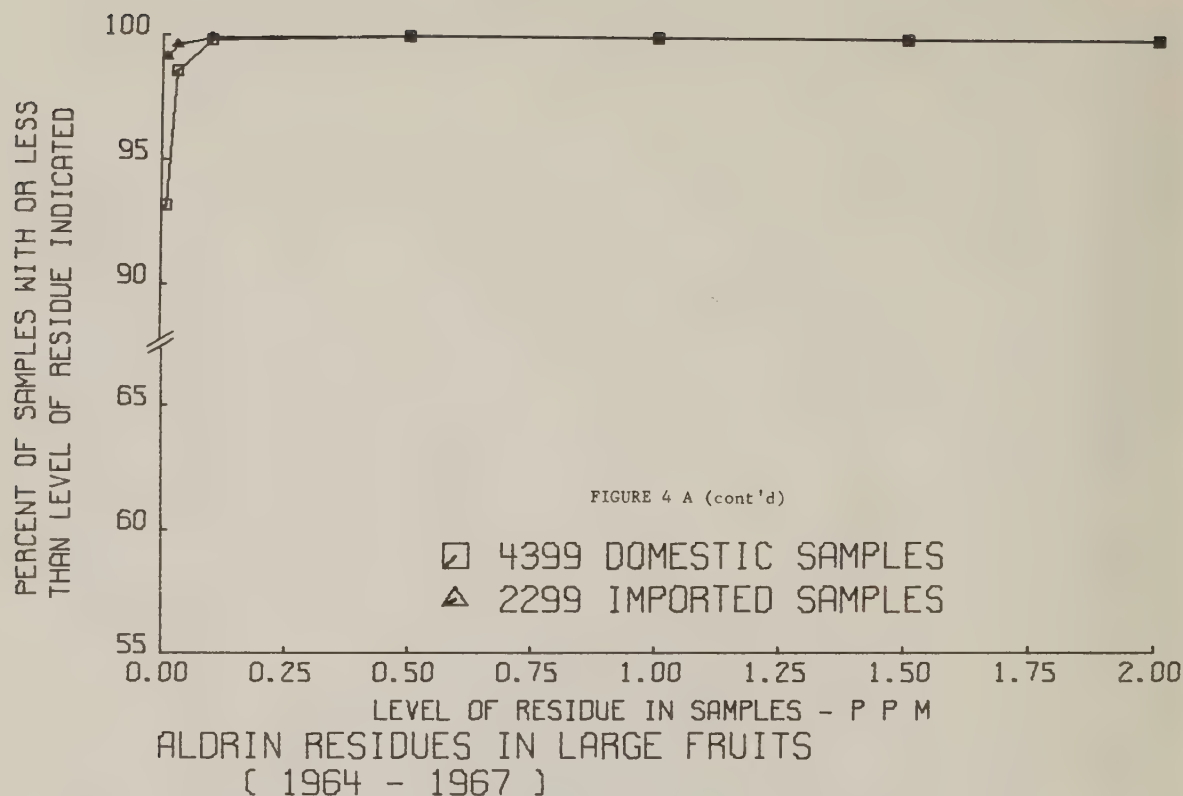


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.27	91.82	91.67	94.76	93.15	91.30	99.30	98.52	99.68	99.08
TRACE-0.03	5.15	6.71	5.73	4.48	5.36	2.89	0.00	1.47	.31	.52
0.04 -0.10	1.48	1.11	2.36	.54	1.27	4.34	.69	0.00	0.00	.30
0.11 -0.50	.08	.33	.22	.20	.20	1.44	0.00	0.00	0.00	.08
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.27	91.82	91.67	94.76	93.15	91.30	99.30	98.52	99.68	99.08
0.03	98.42	98.54	97.41	99.25	98.52	94.20	99.30	99.99	99.99	99.60
0.10	99.91	99.66	99.77	99.79	99.79	98.55	99.99	99.99	99.99	99.91
0.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

NUMBER OF SAMPLES FOR ALDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1068	820	815	1395	4098	126	142	134	1876	2278
TRACE-0.03	59	60	51	66	236	4	0	2	6	12
0.04 -0.10	17	10	21	8	56	6	1	0	0	7
0.11 -0.50	1	3	2	3	9	2	0	0	0	2
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299



PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

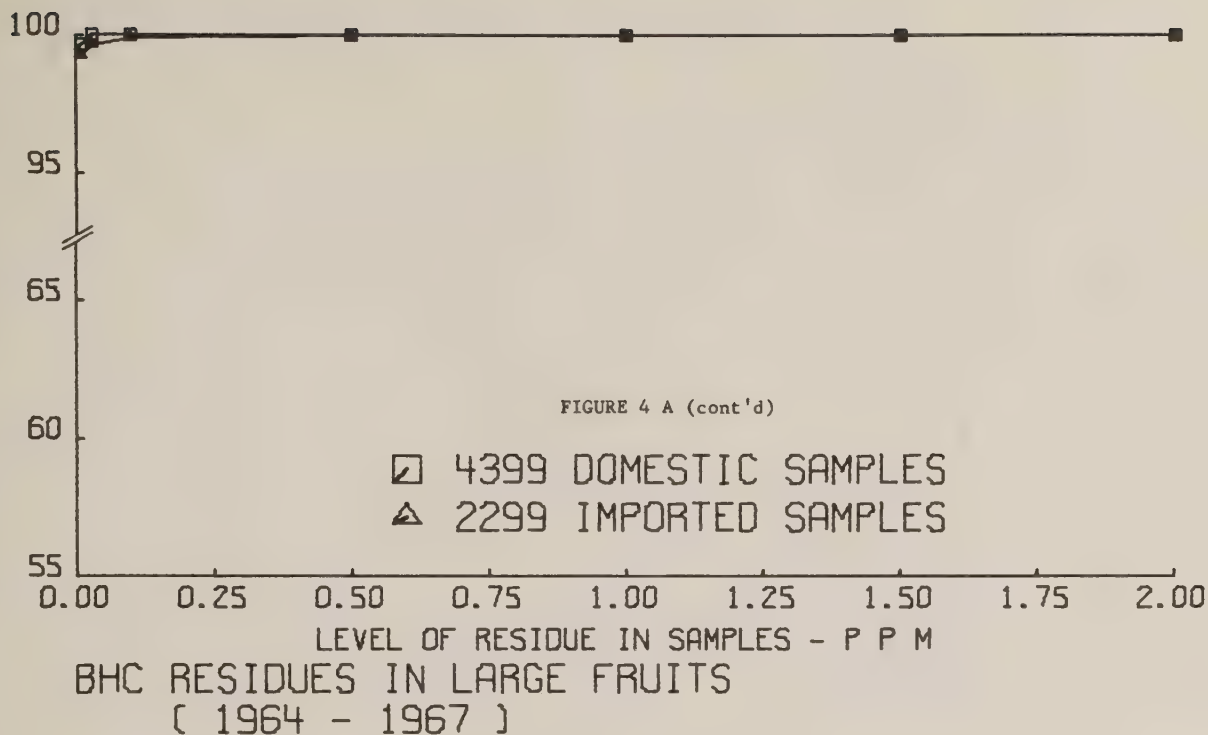


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	99.88	99.55	99.32	99.65	98.55	98.60	99.26	99.36	99.26
TRACE-0.03	0.00	0.00	.44	.67	.31	.72	1.39	.73	.26	.39
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	.72	0.00	0.00	.26	.26
0.11 -0.50	0.00	.11	0.00	0.00	.02	0.00	0.00	0.00	.10	.08
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	99.88	99.55	99.32	99.65	98.55	98.60	99.26	99.36	99.26
0.03	100.00	99.88	99.99	99.99	99.97	99.27	99.99	99.99	99.62	99.65
0.10	100.00	99.88	99.99	99.99	99.97	99.99	99.99	99.99	99.89	99.91
0.50	100.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.00	100.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.50	100.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
2.00	100.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1145	892	885	1462	4384	136	141	135	1870	2282
TRACE-0.03	0	0	4	10	14	1	2	1	5	9
0.04 -0.10	0	0	0	0	0	1	0	0	5	6
0.11 -0.50	0	1	0	0	1	0	0	0	2	2
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

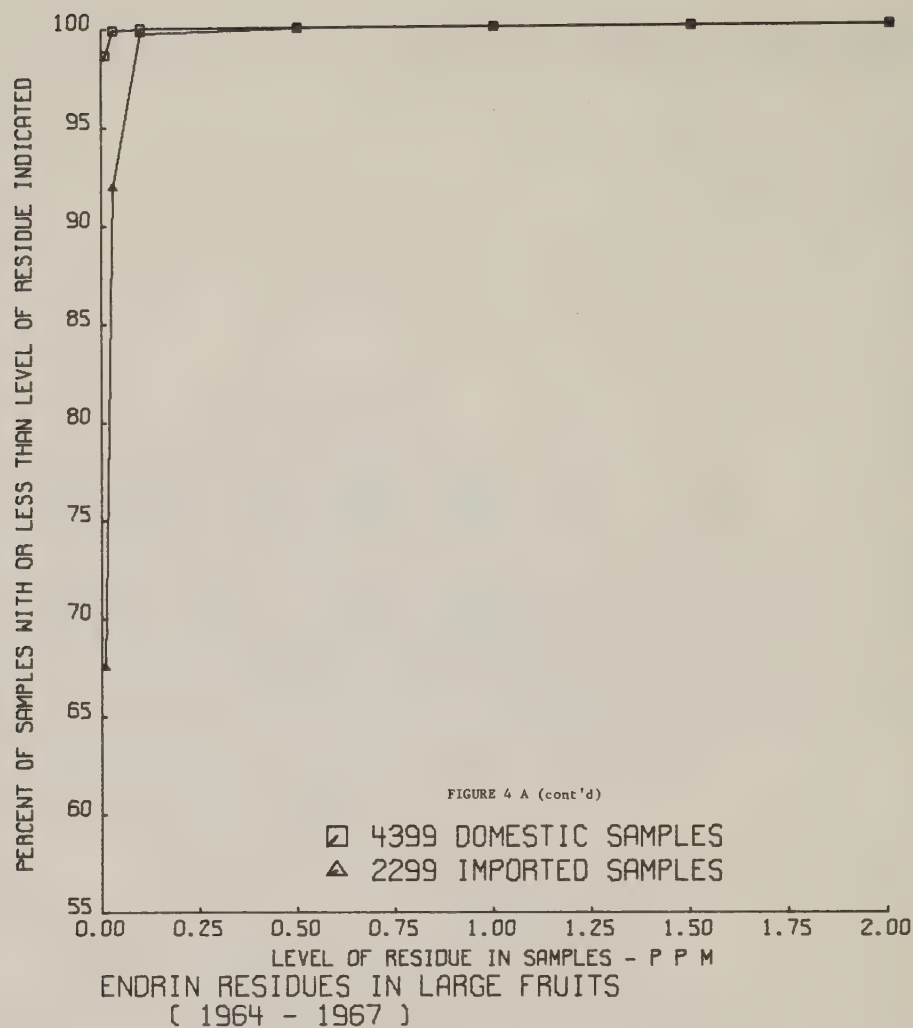


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.91	98.99	99.10	97.14	98.63	100.00	98.60	93.38	60.89	67.50
TRACE-0.03	.08	1.00	.89	2.51	1.25	0.00	1.39	2.94	29.54	24.44
0.04 -0.10	0.00	0.00	0.00	.27	.09	0.00	0.00	3.67	9.24	7.78
0.11 -0.50	0.00	0.00	0.00	.06	.02	0.00	0.00	0.00	.31	.26
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.91	98.99	99.10	97.14	98.63	100.00	98.60	93.38	60.89	67.50
0.03	99.99	99.99	99.99	99.66	99.88	100.00	99.99	96.32	90.43	91.95
0.10	99.99	99.99	99.99	99.93	99.97	100.00	99.99	99.99	99.68	99.73
0.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1144	884	881	1430	4339	138	141	127	1146	1552
TRACE-0.03	1	9	8	37	55	0	2	4	556	562
0.04 -0.10	0	0	0	4	4	0	0	5	174	179
0.11 -0.50	0	0	0	1	1	0	0	0	6	6
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

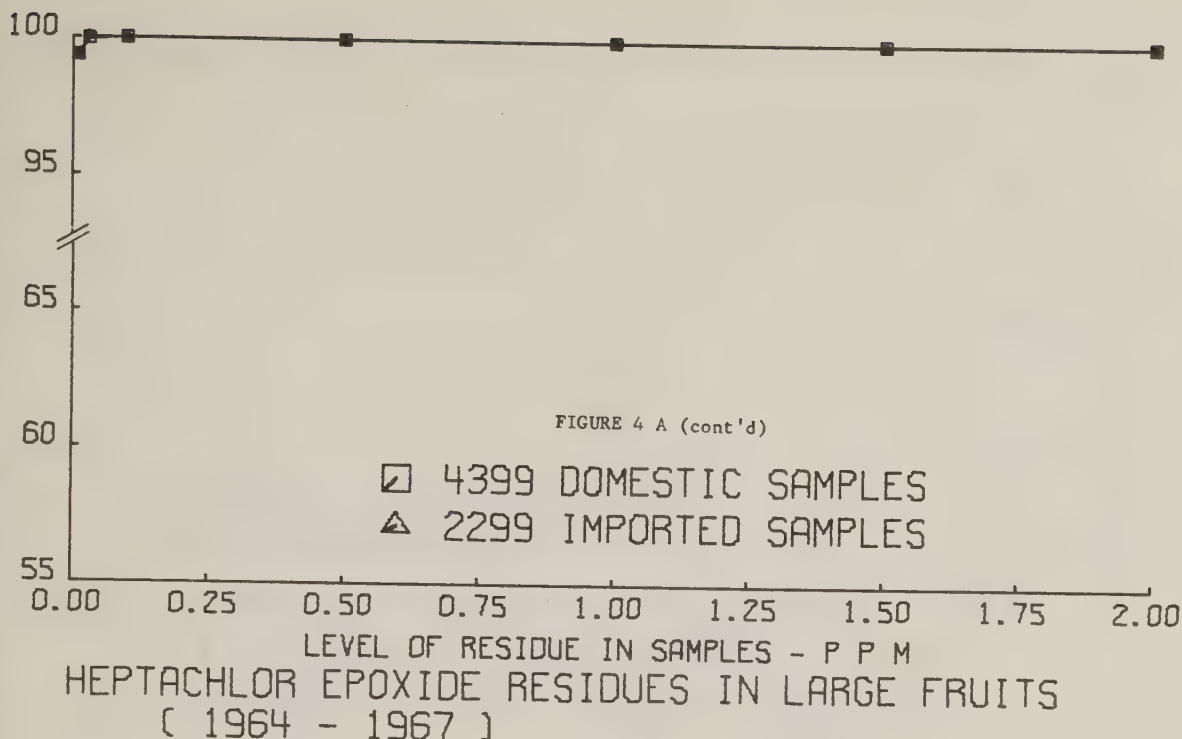


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.91	99.44	99.32	98.84	99.34	100.00	100.00	100.00	99.14	99.30
TRACE-0.03	.08	.33	.56	1.15	.59	0.00	0.00	0.00	.85	.69
0.04 -0.10	0.00	.11	.11	0.00	.04	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	.11	0.00	0.00	.02	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.91	99.44	99.32	98.84	99.34	100.00	100.00	100.00	99.14	99.30
0.03	99.99	99.77	99.88	99.99	99.93	100.00	100.00	100.00	99.99	99.99
0.10	99.99	99.88	99.99	99.99	99.97	100.00	100.00	100.00	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1144	888	883	1455	4370	138	143	136	1866	2283
TRACE-0.03	1	3	5	17	26	0	0	0	16	16
0.04 -0.10	0	1	1	0	2	0	0	0	0	0
0.11 -0.50	0	1	0	0	1	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

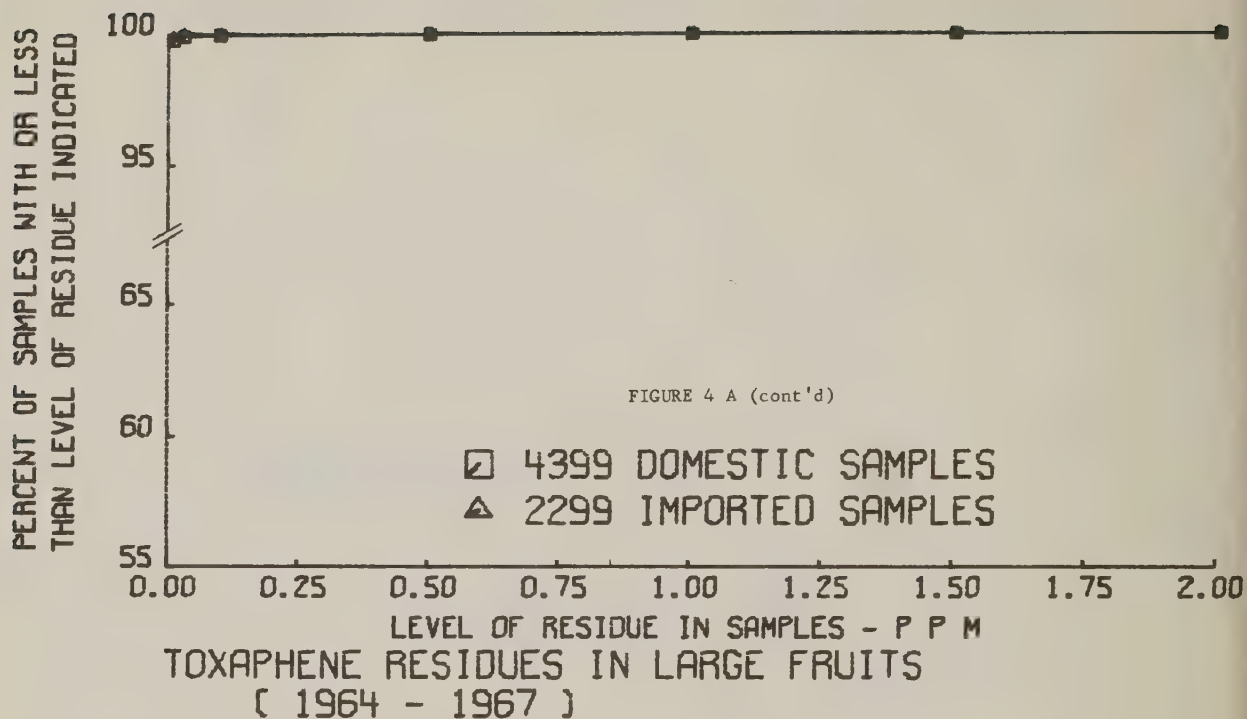


TABLE 4 A (cont'd)

LARGE FRUITS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.91	99.88	99.77	99.52	99.74	100.00	100.00	100.00	99.89	99.91
TRACE-0.03	0.00	.11	.22	.27	.15	0.00	0.00	0.00	.10	.08
0.04 -0.10	0.00	0.00	0.00	.06	.02	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.13	.04	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.08	0.00	0.00	0.00	.02	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.91	99.88	99.77	99.52	99.74	100.00	100.00	100.00	99.89	99.91
0.03	99.91	99.99	99.99	99.79	99.90	100.00	100.00	100.00	99.99	99.99
0.10	99.91	99.99	99.99	99.86	99.93	100.00	100.00	100.00	99.99	99.99
0.50	99.91	99.99	99.99	99.99	99.97	100.00	100.00	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

	NUMBER OF SAMPLES FOR TOXAPHENE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1144	892	887	1465	4388	138	143	136	1880	2297
TRACE-0.03	0	1	2	4	7	0	0	0	2	2
0.04 -0.10	0	0	0	1	1	0	0	0	0	0
0.11 -0.50	0	0	0	2	2	0	0	0	0	0
0.51 -1.00	1	0	0	0	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299



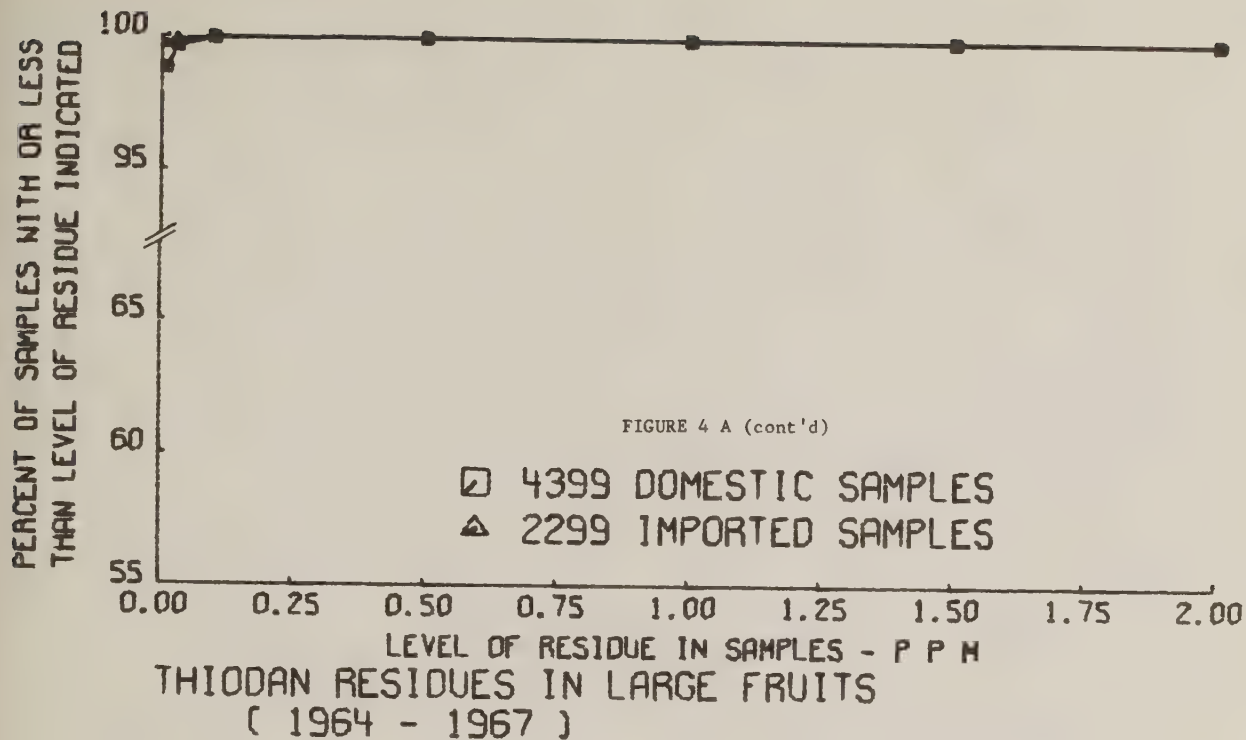


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.03	97.98	98.42	99.38	98.81	100.00	100.00	97.05	99.78	99.65
TRACE-0.03	.69	1.56	.89	.47	.84	0.00	0.00	.73	.21	.21
0.04 -0.10	.17	.33	.56	.13	.27	0.00	0.00	1.47	0.00	.08
0.11 -0.50	.08	.11	.11	0.00	.06	0.00	0.00	.73	0.00	.04
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR THIODAN										
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.03	97.98	98.42	99.38	98.81	100.00	100.00	97.05	99.78	99.65
0.03	99.73	99.55	99.32	99.86	99.65	100.00	100.00	97.79	99.99	99.86
0.10	99.91	99.88	99.88	99.99	99.93	100.00	100.00	99.26	99.99	99.95
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99

NUMBER OF SAMPLES FOR THIODAN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1134	875	875	1463	4347	138	143	132	1878	2291
TRACE-0.03	8	14	8	7	37	0	0	1	4	5
0.04 -0.10	2	3	5	2	12	0	0	2	0	2
0.11 -0.50	1	1	1	0	3	0	0	1	0	1
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

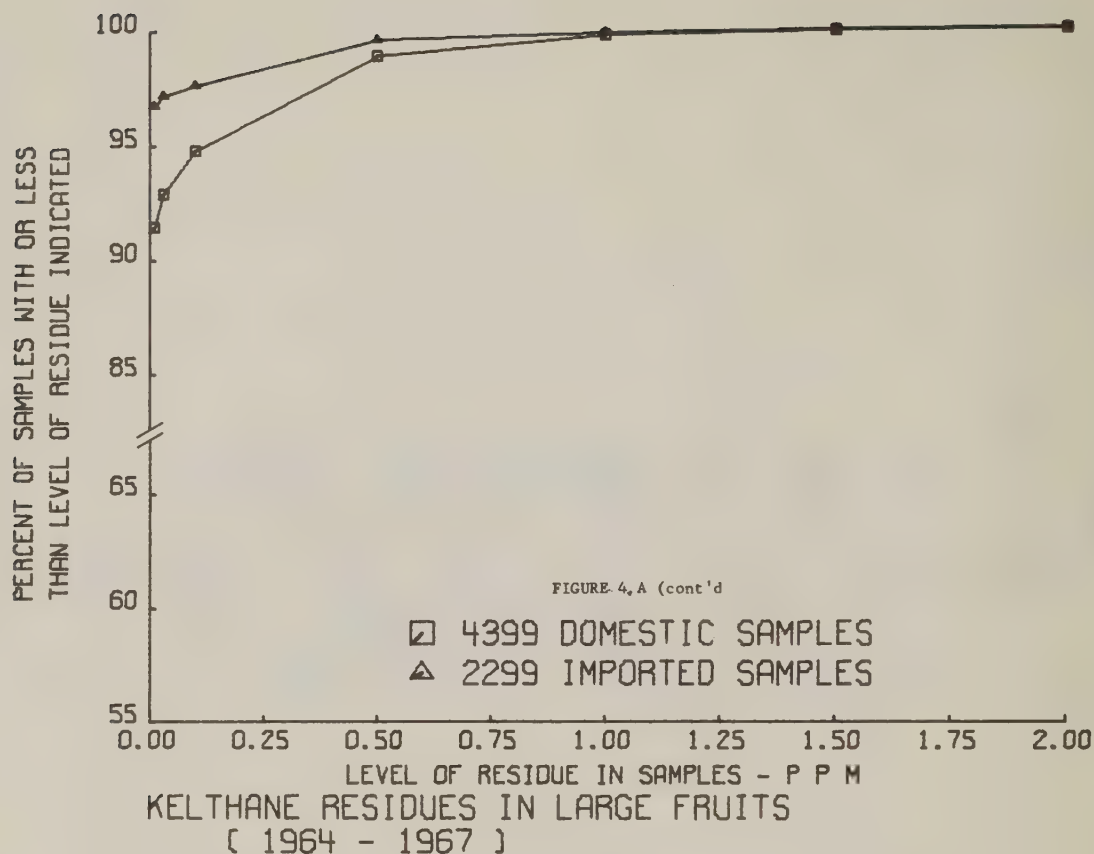


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR KELTHANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	92.22	93.05	90.77	90.28	91.45	94.92	76.92	91.17	98.77	96.73
TRACE-0.03	.69	1.23	2.02	1.76	1.43	1.44	4.19	0.00	.10	.43
0.04 -0.10	2.35	1.34	2.47	1.63	1.93	1.44	2.09	2.20	.15	.47
0.11 -0.50	3.66	3.13	4.04	4.95	4.06	1.44	14.68	5.14	.79	1.95
0.51 -1.00	.87	.55	.56	1.15	.84	.72	1.39	.73	.05	.21
1.01 -1.50	.17	.33	0.00	.13	.15	0.00	.69	.73	.05	.13
1.51 -2.00	0.00	.11	.11	.06	.06	0.00	0.00	0.00	.05	.04
ABOVE 2.00	0.00	.22	0.00	0.00	.04	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.02	.03	.02	.03	.02	.01	.07	.03	0.00	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR KELTHANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	92.22	93.05	90.77	90.28	91.45	94.92	76.92	91.17	98.77	96.73
0.03	92.92	94.28	92.80	92.05	92.88	96.37	81.11	91.17	98.88	97.17
0.10	95.28	95.63	95.27	93.68	94.81	97.82	83.21	93.38	99.04	97.65
0.50	98.95	98.76	99.32	98.64	98.88	99.27	97.90	98.52	99.84	99.60
1.00	99.82	99.32	99.88	99.79	99.72	99.99	99.30	99.26	99.89	99.82
1.50	99.99	99.66	99.88	99.93	99.88	99.99	99.99	99.99	99.94	99.95
2.00	99.99	99.77	99.99	99.99	99.95	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR KELTHANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1056	831	807	1329	4023	131	110	124	1859	2224
TRACE-0.03	8	11	18	26	63	2	6	0	2	10
0.04 -0.10	27	12	22	24	85	2	3	3	3	11
0.11 -0.50	42	28	36	73	179	2	21	7	15	45
0.51 -1.00	10	5	5	17	37	1	2	1	1	5
1.01 -1.50	2	3	0	2	7	0	1	1	1	3
1.51 -2.00	0	1	1	1	3	0	0	0	1	1
ABOVE 2.00	0	2	0	0	2	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

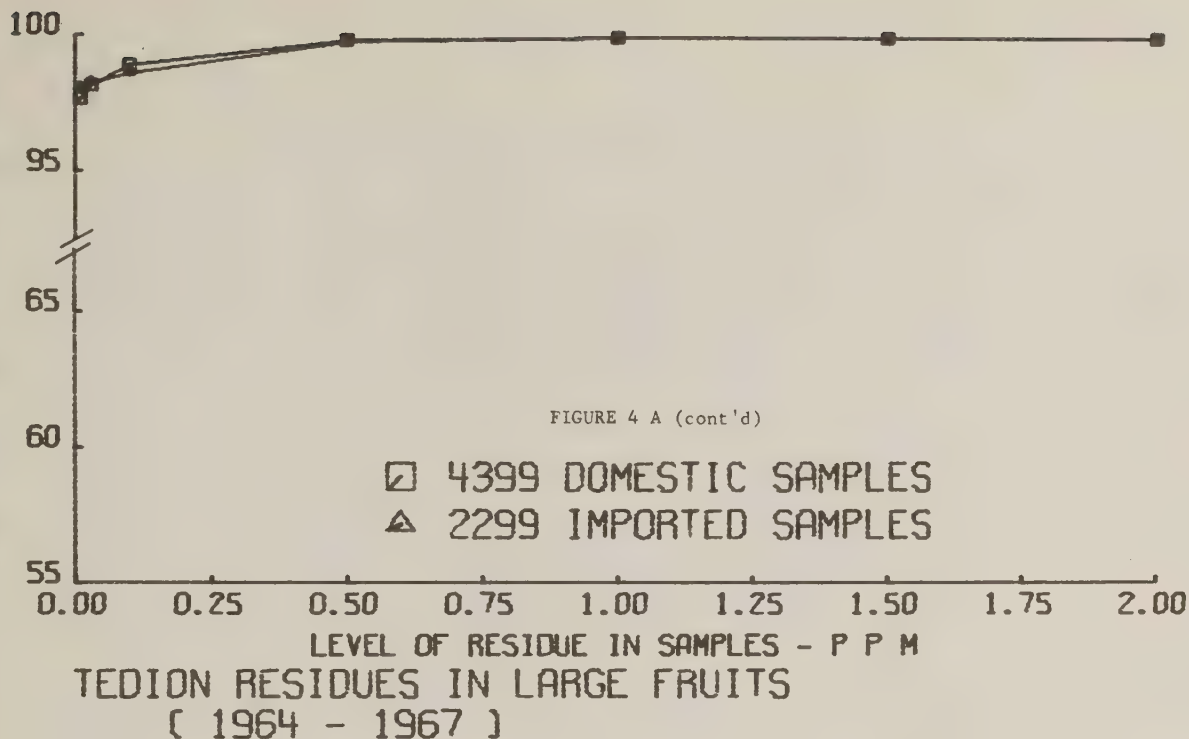


TABLE 4 A (cont'd)

LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TEDION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.34	99.32	97.97	95.85	97.63	94.92	95.10	93.38	98.83	98.04
TRACE-0.03	.34	0.00	.56	.95	.52	.72	.69	0.00	.15	.21
0.04 -0.10	.34	.44	.78	1.22	.75	.72	1.39	2.94	.05	.34
0.11 -0.50	.96	.22	.56	1.63	.95	3.62	2.79	2.94	.74	1.17
0.51 -1.00	0.00	0.00	.11	.27	.11	0.00	0.00	.73	.21	.21
1.01 -1.50	0.00	0.00	0.00	.06	.02	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	.01	0.00	.01	.01	.02	0.00	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TEDION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.34	99.32	97.97	95.85	97.63	94.92	95.10	93.38	98.83	98.04
0.03	98.68	99.32	98.53	96.80	98.15	95.65	95.80	93.38	98.99	98.26
0.10	99.03	99.77	99.32	98.02	98.90	96.37	97.20	96.32	99.04	98.60
0.50	99.99	99.99	99.88	99.66	99.86	99.99	99.99	99.26	99.78	99.78
1.00	99.99	99.99	99.99	99.93	99.97	99.99	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TEDION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1126	887	871	1411	4295	131	136	127	1860	2254
TRACE-0.03	4	0	5	14	23	1	1	0	3	5
0.04 -0.10	4	4	7	18	33	1	2	4	1	8
0.11 -0.50	11	2	5	24	42	5	4	4	14	27
0.51 -1.00	0	0	1	4	5	0	0	1	4	5
1.01 -1.50	0	0	0	1	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1145	893	889	1472	4399	138	143	136	1882	2299

TABLE 4 A (cont'd)

## LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR CARBARYL									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	96.02	97.75	97.30	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	0.00	0.00	1.13	.61	.75	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.56	.47	.50	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	1.32	.88	1.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.56	.06	.20	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.18	.13	.15	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	.18	.06	.10	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	.01	.01	.01	0.00	0.00	0.00	0.00	0.00

## CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR CARBARYL

LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	96.02	97.75	97.30	0.00	0.00	0.00	0.00	0.00
0.03	0.00	0.00	97.15	98.36	98.05	0.00	0.00	0.00	0.00	0.00
0.10	0.00	0.00	97.72	98.84	98.55	0.00	0.00	0.00	0.00	0.00
0.50	0.00	0.00	99.05	99.72	99.55	0.00	0.00	0.00	0.00	0.00
1.00	0.00	0.00	99.62	99.79	99.75	0.00	0.00	0.00	0.00	0.00
1.50	0.00	0.00	99.81	99.93	99.90	0.00	0.00	0.00	0.00	0.00
2.00	0.00	0.00	99.99	99.99	100.00	0.00	0.00	0.00	0.00	0.00

## NUMBER OF SAMPLES FOR CARBARYL

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	507	1439	1946	0	0	0	0	0
TRACE-0.03	0	0	6	9	15	0	0	0	0	0
0.04 -0.10	0	0	3	7	10	0	0	0	0	0
0.11 -0.50	0	0	7	13	20	0	0	0	0	0
0.51 -1.00	0	0	3	1	4	0	0	0	0	0
1.01 -1.50	0	0	1	2	3	0	0	0	0	0
1.51 -2.00	0	0	1	1	2	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	528	1472	2000	0	0	0	0	0

TABLE 4 A (cont'd)

## LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.10	95.51	96.86	0.00	0.00	97.05	99.68	99.50
TRACE-0.03	0.00	0.00	.11	2.44	1.56	0.00	0.00	.73	.76	.29
0.04 -0.10	0.00	0.00	.22	1.15	.80	0.00	0.00	.73	.05	.09
0.11 -0.50	0.00	0.00	.44	.88	.72	0.00	0.00	1.47	0.00	.09
0.51 -1.00	0.00	0.00	.11	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00

## CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION

LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.10	95.51	96.86	0.00	0.00	97.05	99.68	99.50
0.03	0.00	0.00	99.21	97.96	98.43	0.00	0.00	97.79	99.94	99.80
0.10	0.00	0.00	99.42	99.11	99.23	0.00	0.00	98.52	99.99	99.90
0.50	0.00	0.00	99.88	99.99	99.95	0.00	0.00	99.99	99.99	99.99
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	99.99	99.99
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	99.99	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	99.99	99.99

## NUMBER OF SAMPLES FOR PARATHION

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	881	1406	2287	0	0	132	1876	2008
TRACE-0.03	0	0	1	36	37	0	0	1	5	6
0.04 -0.10	0	0	2	17	19	0	0	1	1	2
0.11 -0.50	0	0	4	13	17	0	0	2	0	2
0.51 -1.00	0	0	1	0	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	889	1472	2361	0	0	136	1882	2018



TABLE 4 A (cont'd)

## LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ETHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	98.20	93.13	95.04	0.00	0.00	99.26	99.52	99.50
TRACE-0.03	0.00	0.00	.11	2.24	1.44	0.00	0.00	0.00	.10	.00
0.04 -0.10	0.00	0.00	.22	1.90	1.27	0.00	0.00	0.00	.21	.10
0.11 -0.50	0.00	0.00	1.01	2.30	1.82	0.00	0.00	0.00	.15	.14
0.51 -1.00	0.00	0.00	.44	.20	.29	0.00	0.00	.73	0.00	.04
1.01 -1.50	0.00	0.00	0.00	.13	.08	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	.06	.04	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	.01	.01	.01	0.00	0.00	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ETHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	98.20	93.13	95.04	0.00	0.00	99.26	99.52	99.50
0.03	0.00	0.00	98.31	95.38	96.48	0.00	0.00	99.26	99.62	99.60
0.10	0.00	0.00	98.53	97.28	97.75	0.00	0.00	99.26	99.84	99.80
0.50	0.00	0.00	99.54	99.59	99.57	0.00	0.00	99.26	99.99	99.95
1.00	0.00	0.00	99.99	99.79	99.87	0.00	0.00	99.99	99.99	99.99
1.50	0.00	0.00	99.99	99.93	99.95	0.00	0.00	99.99	99.99	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR ETHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	873	1371	2244	0	0	135	1873	2008
TRACE-0.03	0	0	1	33	34	0	0	0	2	2
0.04 -0.10	0	0	2	28	30	0	0	0	4	4
0.11 -0.50	0	0	9	34	43	0	0	0	3	3
0.51 -1.00	0	0	4	3	7	0	0	1	0	1
1.01 -1.50	0	0	0	2	2	0	0	0	0	0
1.51 -2.00	0	0	0	1	1	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	889	1472	2361	0	0	136	1882	2018

TABLE 4 A (cont'd)

## LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.88	97.82	98.60	0.00	0.00	100.00	99.94	99.95
TRACE-0.03	0.00	0.00	0.00	1.83	1.14	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	.20	.12	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	.11	.06	.08	0.00	0.00	0.00	.05	.04
0.51 -1.00	0.00	0.00	0.00	.06	.04	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.88	97.82	98.60	0.00	0.00	100.00	99.94	99.95
0.03	0.00	0.00	99.88	99.66	99.74	0.00	0.00	100.00	99.94	99.95
0.10	0.00	0.00	99.88	99.86	99.87	0.00	0.00	100.00	99.94	99.95
0.50	0.00	0.00	99.99	99.93	99.95	0.00	0.00	100.00	99.99	99.99
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	888	1440	2328	0	0	136	1881	2017
TRACE-0.03	0	0	0	27	27	0	0	0	0	0
0.04 -0.10	0	0	0	3	3	0	0	0	0	0
0.11 -0.50	0	0	1	1	2	0	0	0	1	1
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	889	1472	2361	0	0	136	1882	2018

TABLE 4 A (cont'd)

## LARGE FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TRITHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.77	98.84	99.19	0.00	0.00	100.00	99.94	99.95
TRACE-0.03	0.00	0.00	.22	.61	.46	0.00	0.00	0.00	.05	.04
0.04 -0.10	0.00	0.00	0.00	.33	.21	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.20	.12	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TRITHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.77	98.84	99.19	0.00	0.00	100.00	99.94	99.95
0.03	0.00	0.00	99.99	99.45	99.66	0.00	0.00	100.00	99.99	99.99
0.10	0.00	0.00	99.99	99.79	99.87	0.00	0.00	100.00	99.99	99.99
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TRITHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	887	1455	2342	0	0	136	1881	2017
TRACE-0.03	0	0	2	9	11	0	0	0	1	1
0.04 -0.10	0	0	0	5	5	0	0	0	0	0
0.11 -0.50	0	0	0	3	3	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	889	1472	2361	0	0	136	1882	2018

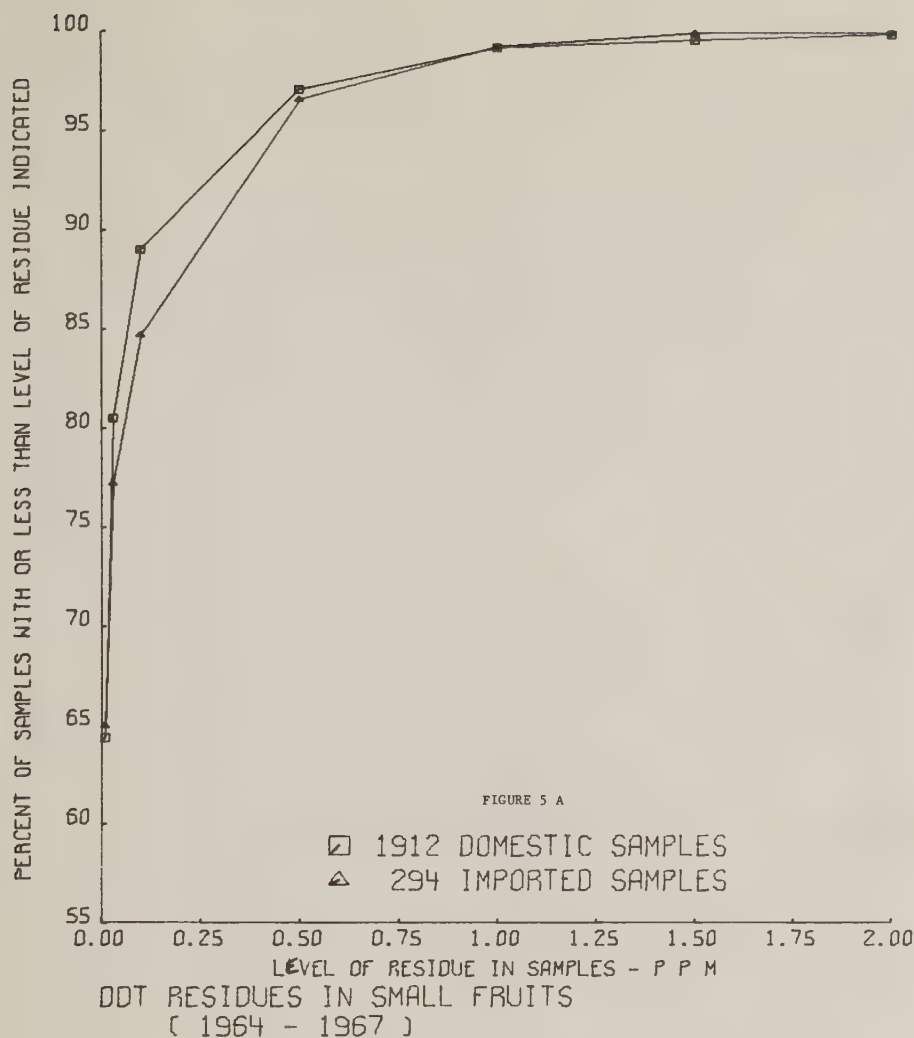
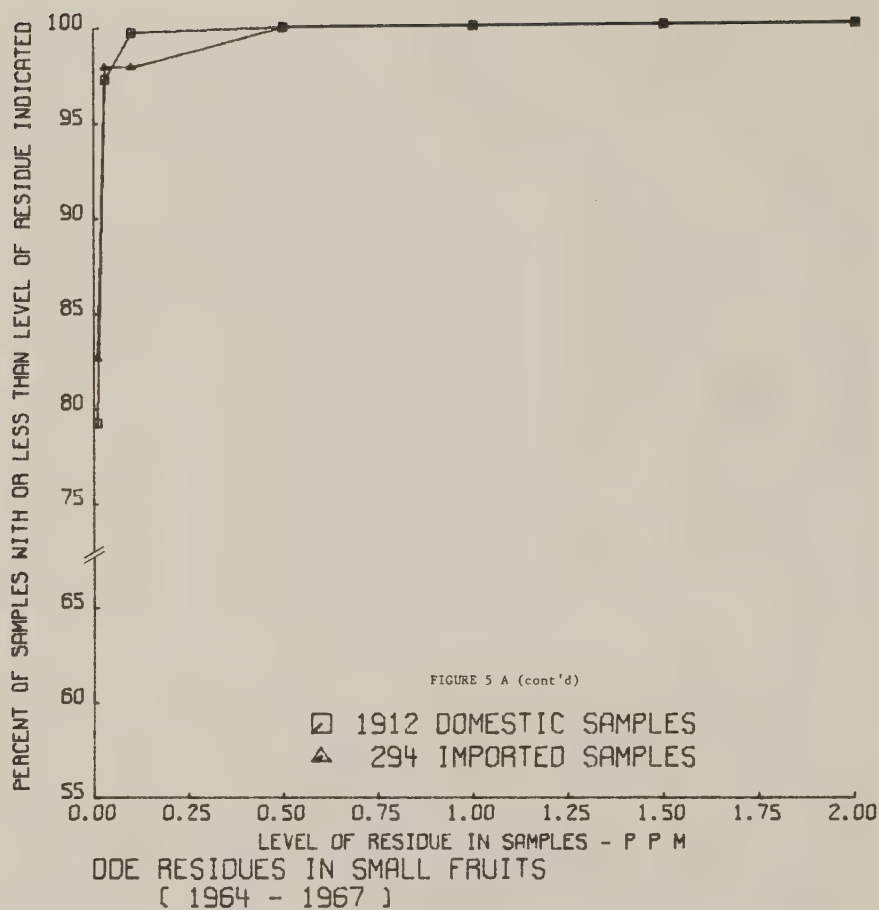


TABLE 5 A  
SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	70.30	65.37	56.15	61.93	64.33	71.79	72.04	40.38	66.19	64.96
TRACE-0.03	8.48	19.93	18.47	17.85	16.16	12.82	10.75	17.30	9.85	12.24
0.04-0.10	9.89	5.91	10.86	8.92	8.52	5.12	6.45	13.46	7.04	7.48
0.11-0.50	8.48	6.75	10.86	7.65	8.05	7.69	9.67	21.15	12.67	11.90
0.51-1.00	2.62	1.35	2.89	2.36	2.19	2.56	1.07	3.84	4.22	2.72
1.01-1.50	.20	.50	.36	.36	.36	0.00	0.00	3.84	0.00	.68
1.51-2.00	0.00	.16	.36	.72	.31	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	.18	.05	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.06	.05	.08	.07	.06	.05	.04	.15	.08	.07

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	70.30	65.37	56.15	61.93	64.33	71.79	72.04	40.38	66.19	64.96
0.03	78.78	85.30	74.63	79.78	80.49	84.61	82.79	57.69	76.05	77.21
0.10	88.68	91.21	85.50	88.70	89.01	89.74	89.24	71.15	82.09	84.69
0.50	97.17	97.97	96.37	96.35	97.07	97.43	98.92	92.30	95.77	96.59
1.00	99.79	99.32	99.27	98.72	99.26	99.99	99.99	96.15	99.99	99.31
1.50	99.99	99.83	99.63	99.08	99.63	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.81	99.94	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	348	387	155	340	1230	56	67	21	47	191
TRACE-0.03	42	118	51	98	309	10	10	9	7	36
0.04 -0.10	49	35	30	49	163	4	6	7	5	22
0.11 -0.50	42	40	30	42	154	6	9	11	9	35
0.51 -1.00	13	8	8	13	42	2	1	2	3	8
1.01 -1.50	1	3	1	2	7	0	0	2	0	2
1.51 -2.00	0	1	1	4	6	0	0	0	0	0
ABOVE 2.00	0	0	0	1	1	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294



SMALL FRUITS

TABLE 5 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	87.47	80.06	73.18	73.95	79.23	82.05	89.24	61.53	90.14	82.65
TRACE-0.03	9.49	18.24	22.82	23.13	18.04	14.10	9.67	36.53	8.45	15.30
0.04 -0.10	2.62	1.52	3.98	2.55	2.45	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.40	.16	0.00	.36	.26	3.84	1.07	1.92	1.40	2.04
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	.01	.01	.01	.01	.01	.01	.01	.01	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	87.47	80.06	73.18	73.95	79.23	82.05	89.24	61.53	90.14	82.65
0.03	96.96	98.31	96.01	97.08	97.28	96.15	98.92	98.07	98.59	97.95
0.10	99.59	99.83	99.99	99.63	99.73	96.15	98.92	98.07	98.59	97.95
0.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	433	474	202	406	1515	64	83	32	64	243
TRACE-0.03	47	108	63	127	345	11	9	19	6	45
0.04 -0.10	13	9	11	14	47	0	0	0	0	0
0.11 -0.50	2	1	0	2	5	3	1	1	1	6
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294



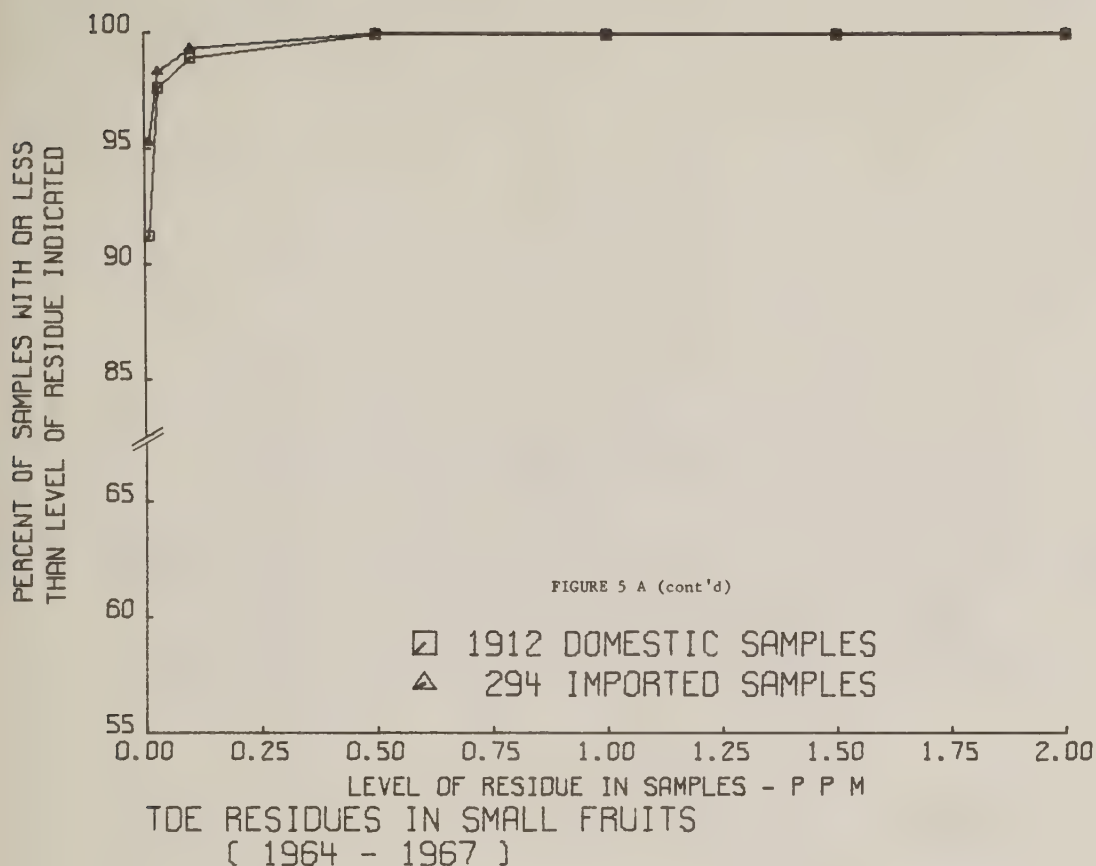


TABLE 5 A (cont'd)

SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	91.91	89.35	93.11	91.62	91.21	89.74	96.77	98.07	97.18	95.23
TRACE-0.03	4.44	8.10	5.79	6.55	6.38	7.69	2.15	0.00	1.40	3.06
0.04 -0.10	1.81	1.18	1.08	1.09	1.30	1.28	1.07	0.00	1.40	1.02
0.11 -0.50	1.81	1.35	0.00	.54	1.04	1.28	0.00	1.92	0.00	.68
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	.18	.05	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	0.00	.01	.01	.01	0.00	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	91.91	89.35	93.11	91.62	91.21	89.74	96.77	98.07	97.18	95.23
0.03	96.36	97.46	98.91	98.17	97.59	97.43	98.92	98.07	98.59	98.29
0.10	98.18	98.64	99.99	99.27	98.90	98.71	99.99	98.07	99.99	99.31
0.50	99.99	99.99	99.99	99.81	99.94	99.99	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.81	99.94	99.99	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.81	99.94	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.81	99.94	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	455	529	257	503	1744	70	90	51	69	280
TRACE-0.03	22	48	16	36	122	6	2	0	1	9
0.04 -0.10	9	7	3	6	25	1	1	0	1	3
0.11 -0.50	9	8	0	3	20	1	0	1	0	2
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	1	1	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294

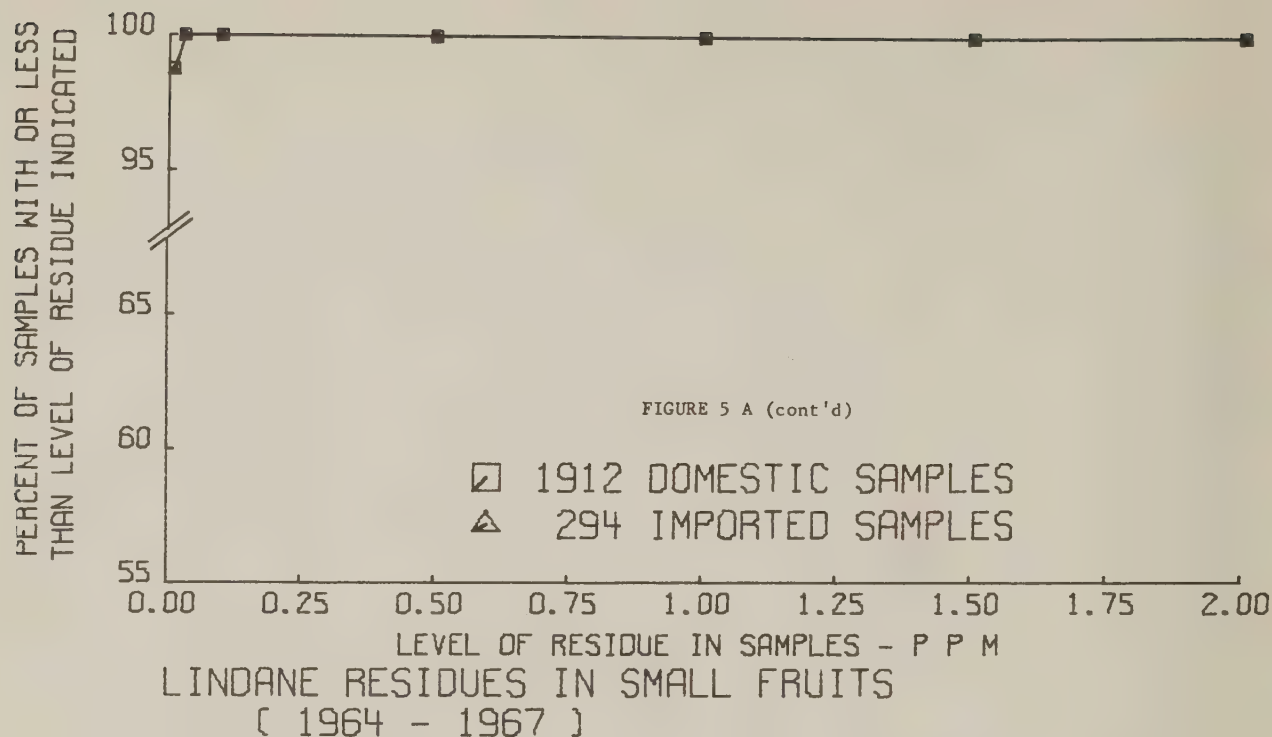


TABLE 5 A (cont'd)

SMALL FRUITS

DOMESTIC						IMPORTED					
PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE											
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL	
NONE FOUND	99.59	98.47	98.55	98.36	98.74	100.00	98.92	98.07	97.18	98.63	
TRACE-0.03	.40	1.52	1.44	1.63	1.25	0.00	1.07	1.92	2.81	1.36	
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.59	98.47	98.55	98.36	98.74	100.00	98.92	98.07	97.18	98.63
0.03	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
0.10	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99

	NUMBER OF SAMPLES FOR LINDANE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	493	583	272	540	1888	78	92	51	69	290
TRACE-0.03	2	9	4	9	24	0	1	1	2	4
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

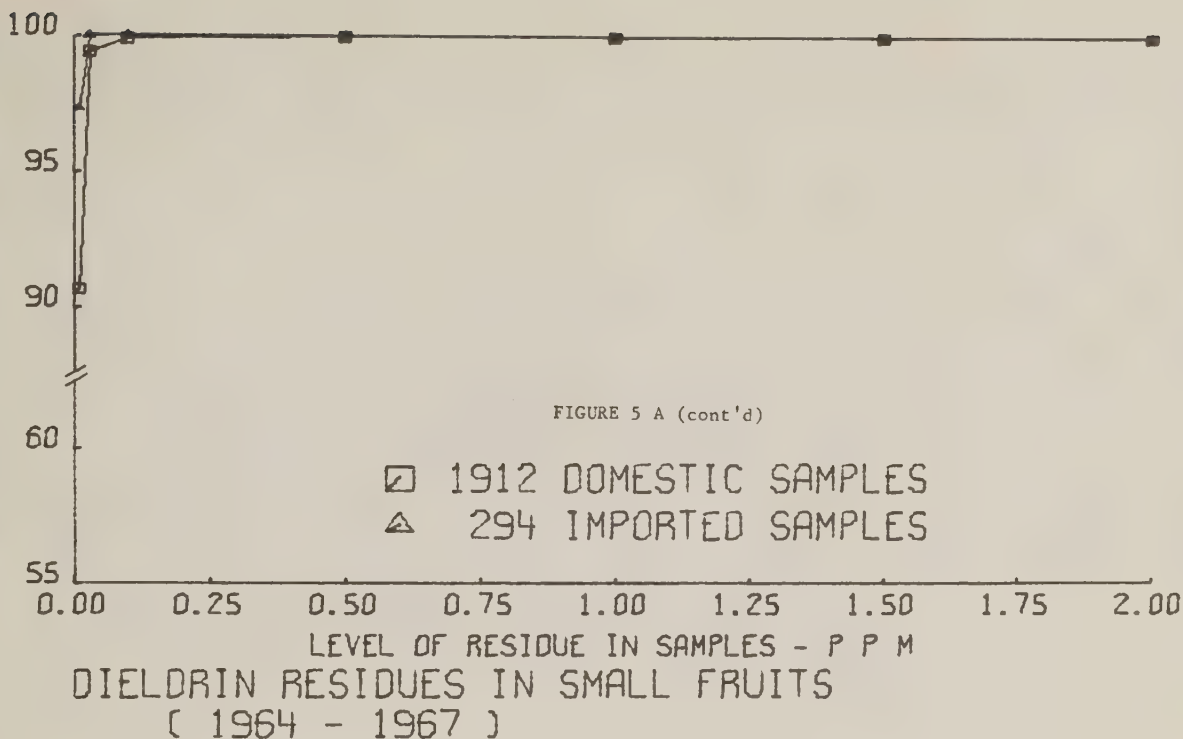


TABLE 5 A (cont'd)

SMALL FRUITS

DOMESTIC IMPORTED  
PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.73	84.45	91.66	93.98	90.63	100.00	97.84	96.15	94.36	97.27
TRACE-0.03	5.65	15.20	7.97	4.91	8.73	0.00	2.15	3.84	5.63	2.72
0.04 -0.10	.60	.33	0.00	.91	.52	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	.36	.18	.10	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN

LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.73	84.45	91.66	93.98	90.63	100.00	97.84	96.15	94.36	97.27
0.03	99.39	99.66	99.63	98.90	99.37	100.00	99.99	99.99	99.99	99.99
0.10	99.99	99.99	99.63	99.81	99.89	100.00	99.99	99.99	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99

NUMBER OF SAMPLES FOR DIELDRIN

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	464	500	253	516	1733	78	91	50	67	286
TRACE-0.03	28	90	22	27	167	0	2	2	4	8
0.04 -0.10	3	2	0	5	10	0	0	0	0	0
0.11 -0.50	0	0	1	1	2	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

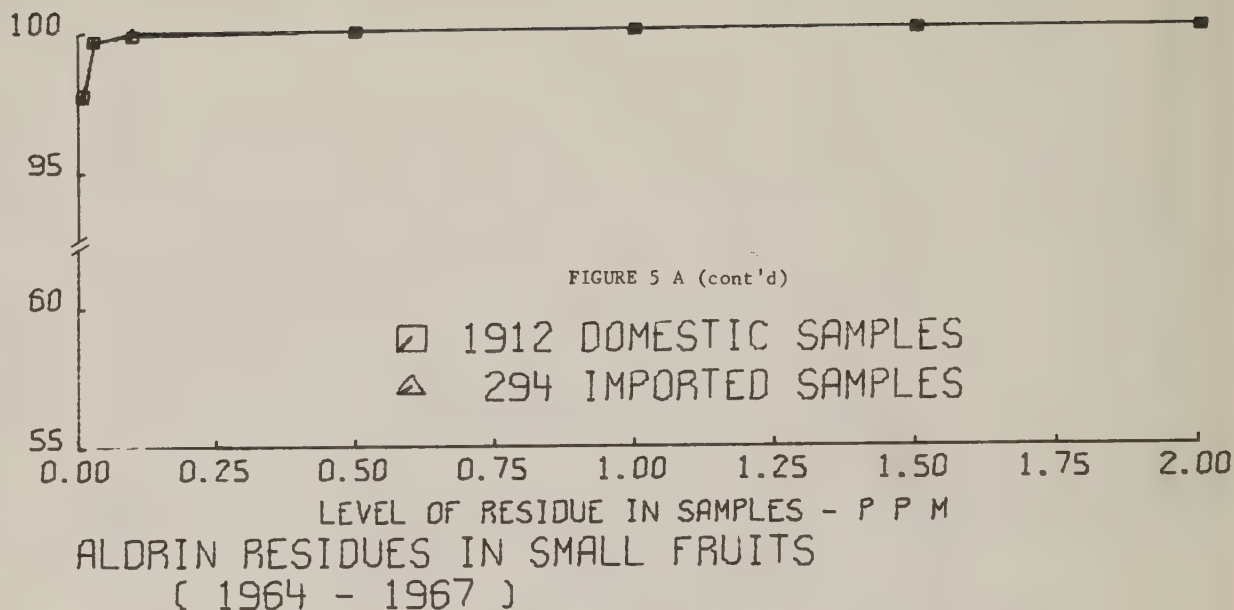


TABLE 5 A (cont'd)

SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.78	96.95	98.91	97.26	97.80	100.00	97.84	92.30	98.59	97.61
TRACE-0.03	1.01	2.36	1.08	2.55	1.88	0.00	2.15	5.76	1.40	2.04
0.04 -0.10	0.00	.50	0.00	.18	.20	0.00	0.00	1.92	0.00	.34
0.11 -0.50	.20	.16	0.00	0.00	.10	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.78	96.95	98.91	97.26	97.80	100.00	97.84	92.30	98.59	97.61
0.03	99.79	99.32	99.99	99.81	99.68	100.00	99.99	98.07	99.99	99.65
0.10	99.79	99.83	99.99	99.99	99.89	100.00	99.99	99.99	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	489	574	273	534	1870	78	91	48	70	287
TRACE-0.03	5	14	3	14	36	0	2	3	1	6
0.04 -0.10	0	3	0	1	4	0	0	1	0	1
0.11 -0.50	1	1	0	0	2	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294



PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

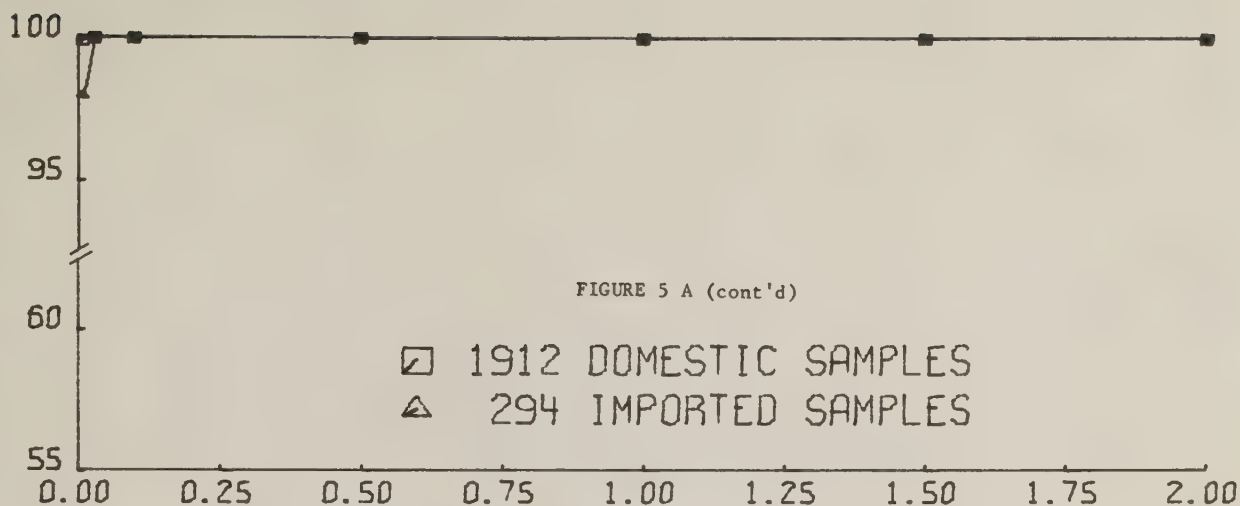


FIGURE 5 A (cont'd)

BHC RESIDUES IN SMALL FRUITS  
( 1964 - 1967 )

TABLE 5 A (cont'd)

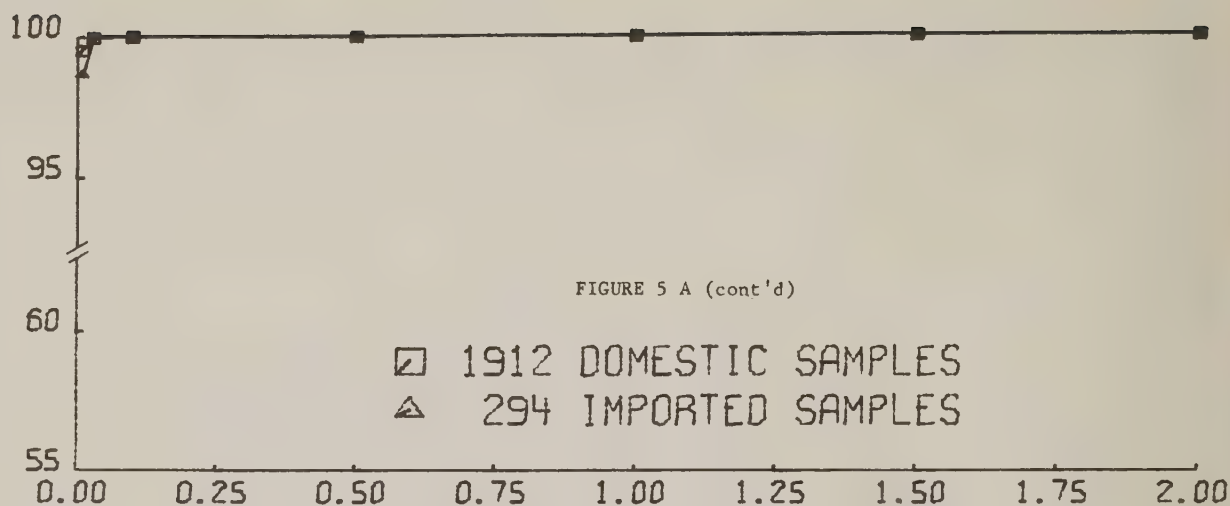
SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.79	99.83	100.00	100.00	99.89	100.00	97.84	96.15	97.18	97.95
TRACE-0.03	.20	.16	0.00	0.00	.10	0.00	2.15	3.84	2.81	2.04
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.79	99.83	100.00	100.00	99.89	100.00	97.84	96.15	97.18	97.95
0.03	99.99	99.99	100.00	100.00	99.99	100.00	99.99	99.99	99.99	99.99
0.10	99.99	99.99	100.00	100.00	99.99	100.00	99.99	99.99	99.99	99.99
0.50	99.99	99.99	100.00	100.00	99.99	100.00	99.99	99.99	99.99	99.99
1.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99	99.99	99.99	99.99
1.50	99.99	99.99	100.00	100.00	99.99	100.00	99.99	99.99	99.99	99.99
2.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	494	591	276	549	1910	78	91	50	69	288
TRACE-0.03	1	1	0	0	2	0	2	2	2	6
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



LEVEL OF RESIDUE IN SAMPLES - P P M  
ENDRIN RESIDUES IN SMALL FRUITS  
( 1964 - 1967 )

TABLE 5 A (cont'd)

SMALL FRUITS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.79	99.15	99.27	99.63	99.47	100.00	100.00	100.00	94.36	98.63
TRACE-0.03	.20	.84	.36	.36	.47	0.00	0.00	0.00	5.63	1.36
0.04 -0.10	0.00	0.00	.36	0.00	.05	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.79	99.15	99.27	99.63	99.47	100.00	100.00	100.00	94.36	98.63
0.03	99.99	99.99	99.63	99.99	99.94	100.00	100.00	100.00	99.99	99.99
0.10	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

	NUMBER OF SAMPLES FOR ENDRIN									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	494	587	274	547	1902	78	93	52	67	290
TRACE-0.03	1	5	1	2	9	0	0	0	4	4
0.04 -0.10	0	0	1	0	1	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

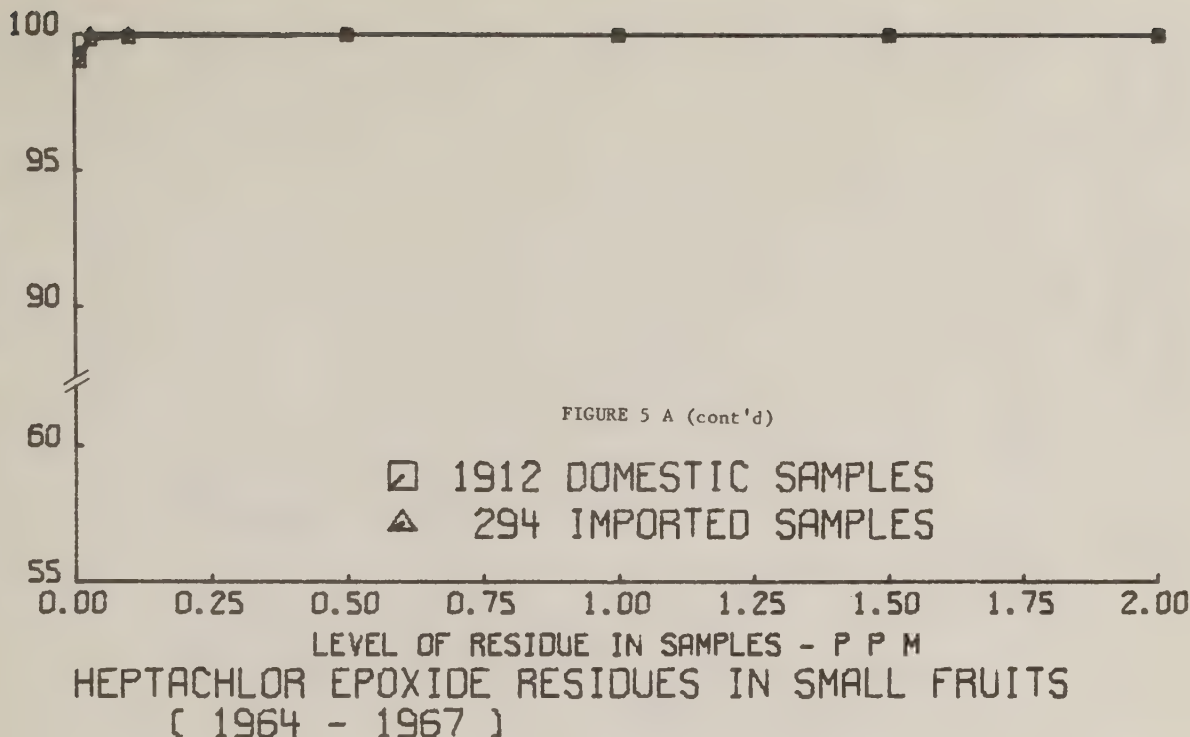


TABLE 5 A (cont'd)

SMALL FRUITS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.98	99.49	100.00	97.99	99.00	100.00	98.92	98.07	100.00	99.31
TRACE-0.03	1.01	.50	0.00	1.27	.78	0.00	1.07	1.92	0.00	.68
0.04 -0.10	0.00	0.00	0.00	.36	.10	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.36	.10	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.98	99.49	100.00	97.99	99.00	100.00	98.92	98.07	100.00	99.31
0.03	99.99	99.99	100.00	99.27	99.79	100.00	99.99	99.99	100.00	99.99
0.10	99.99	99.99	100.00	99.63	99.89	100.00	99.99	99.99	100.00	99.99
0.50	99.99	99.99	100.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99
1.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99
1.50	99.99	99.99	100.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99
2.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99

	NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	490	589	276	538	1893	78	92	51	71	292
TRACE-0.03	5	3	0	7	15	0	1	1	0	2
0.04 -0.10	0	0	0	2	2	0	0	0	0	0
0.11 -0.50	0	0	0	2	2	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294

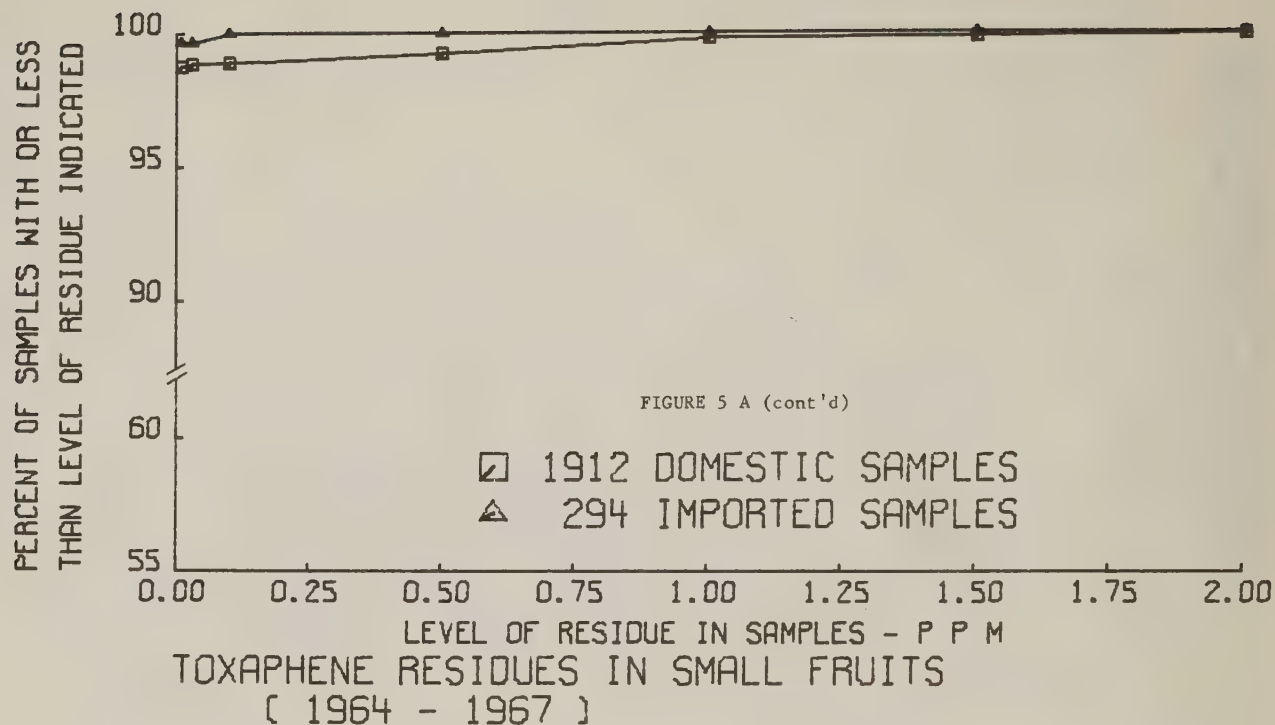


TABLE 5 A (cont'd)

SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.18	97.46	100.00	100.00	98.74	100.00	100.00	100.00	98.59	99.65
TRACE-0.03	.20	.16	0.00	0.00	.10	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	.16	0.00	0.00	.05	0.00	0.00	0.00	1.40	.34
0.11 -0.50	.20	1.01	0.00	0.00	.36	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	1.01	.84	0.00	0.00	.52	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.20	0.00	0.00	0.00	.05	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.20	.16	0.00	0.00	.10	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	.16	0.00	0.00	.05	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.02	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.18	97.46	100.00	100.00	98.74	100.00	100.00	100.00	98.59	99.65
0.03	98.38	97.63	100.00	100.00	98.84	100.00	100.00	100.00	98.59	99.65
0.10	98.38	97.80	100.00	100.00	98.90	100.00	100.00	100.00	99.99	99.99
0.50	98.58	98.81	100.00	100.00	99.26	100.00	100.00	100.00	99.99	99.99
1.00	99.59	99.66	100.00	100.00	99.79	100.00	100.00	100.00	99.99	99.99
1.50	99.79	99.66	100.00	100.00	99.84	100.00	100.00	100.00	99.99	99.99
2.00	99.99	99.83	100.00	100.00	99.94	100.00	100.00	100.00	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	486	577	276	549	1888	78	93	52	70	293
TRACE-0.03	1	1	0	0	2	0	0	0	0	0
0.04 -0.10	0	1	0	0	1	0	0	0	1	1
0.11 -0.50	1	6	0	0	7	0	0	0	0	0
0.51 -1.00	5	5	0	0	10	0	0	0	0	0
1.01 -1.50	1	0	0	0	1	0	0	0	0	0
1.51 -2.00	1	1	0	0	2	0	0	0	0	0
ABOVE 2.00	0	1	0	0	1	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	293

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

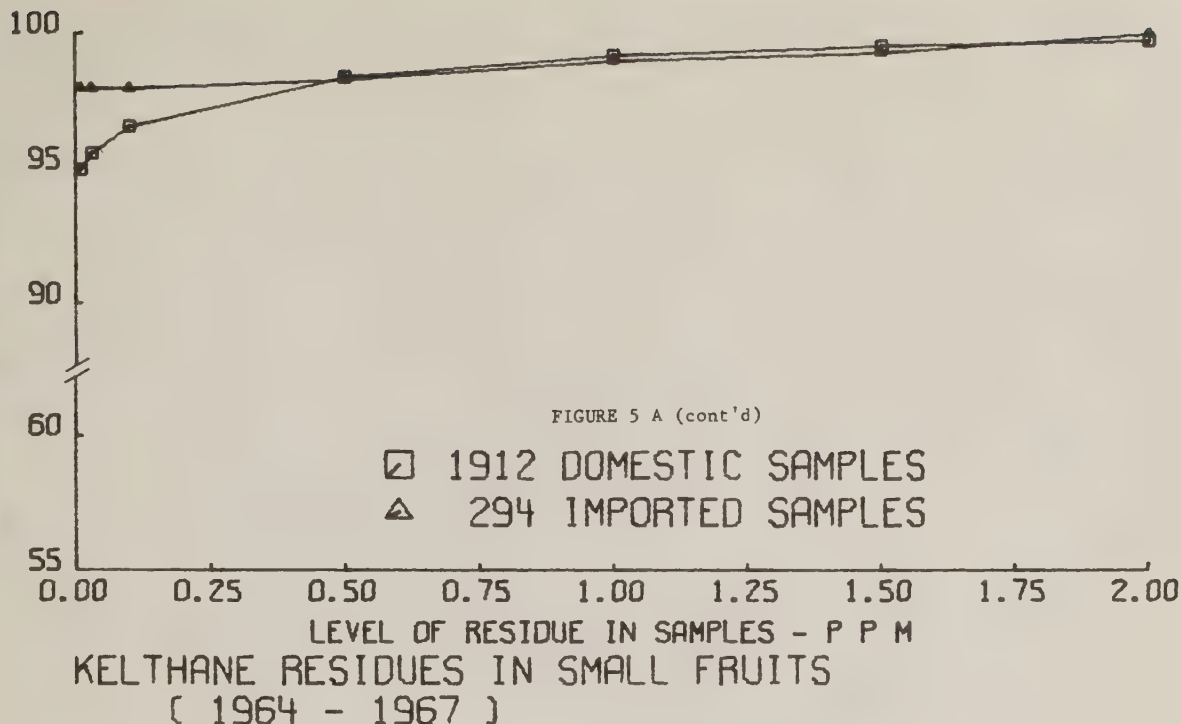


TABLE 5 A (cont'd)

SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR KELTHANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	94.74	99.15	92.39	91.80	94.92	92.30	100.00	100.00	100.00	97.95
TRACE-0.03	.20	.16	.72	1.45	.62	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	1.41	0.00	1.44	1.45	.99	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	2.22	.50	2.17	2.73	1.83	1.28	0.00	0.00	0.00	.34
0.51 -1.00	.80	.16	1.81	1.09	.83	2.56	0.00	0.00	0.00	.68
1.01 -1.50	.20	0.00	.72	.54	.31	1.28	0.00	0.00	0.00	.34
1.51 -2.00	.20	0.00	0.00	.54	.20	2.56	0.00	0.00	0.00	.68
ABOVE 2.00	.20	0.00	.72	.36	.26	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.03	0.00	.05	.04	.03	.08	0.00	0.00	0.00	.02

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR KELTHANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	94.74	99.15	92.39	91.80	94.92	92.30	100.00	100.00	100.00	97.95
0.03	94.94	99.32	93.11	93.26	95.55	92.30	100.00	100.00	100.00	97.95
0.10	96.36	99.32	94.56	94.71	96.54	92.30	100.00	100.00	100.00	97.95
0.50	98.58	99.83	96.73	97.44	98.37	93.58	100.00	100.00	100.00	98.29
1.00	99.39	99.99	98.55	98.54	99.21	96.15	100.00	100.00	100.00	98.97
1.50	99.59	99.99	99.27	99.08	99.52	97.43	100.00	100.00	100.00	99.31
2.00	99.79	99.99	99.27	99.63	99.73	99.99	100.00	100.00	100.00	99.99

NUMBER OF SAMPLES FOR KELTHANE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	469	587	255	504	1815	72	93	52	71	288
TRACE-0.03	1	1	2	8	12	0	0	0	0	0
0.04 -0.10	7	0	4	8	19	0	0	0	0	0
0.11 -0.50	11	3	6	15	35	1	0	0	0	1
0.51 -1.00	4	1	5	6	16	2	0	0	0	2
1.01 -1.50	1	0	2	3	6	1	0	0	0	1
1.51 -2.00	1	0	0	3	4	2	0	0	0	2
ABOVE 2.00	1	0	2	2	5	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294



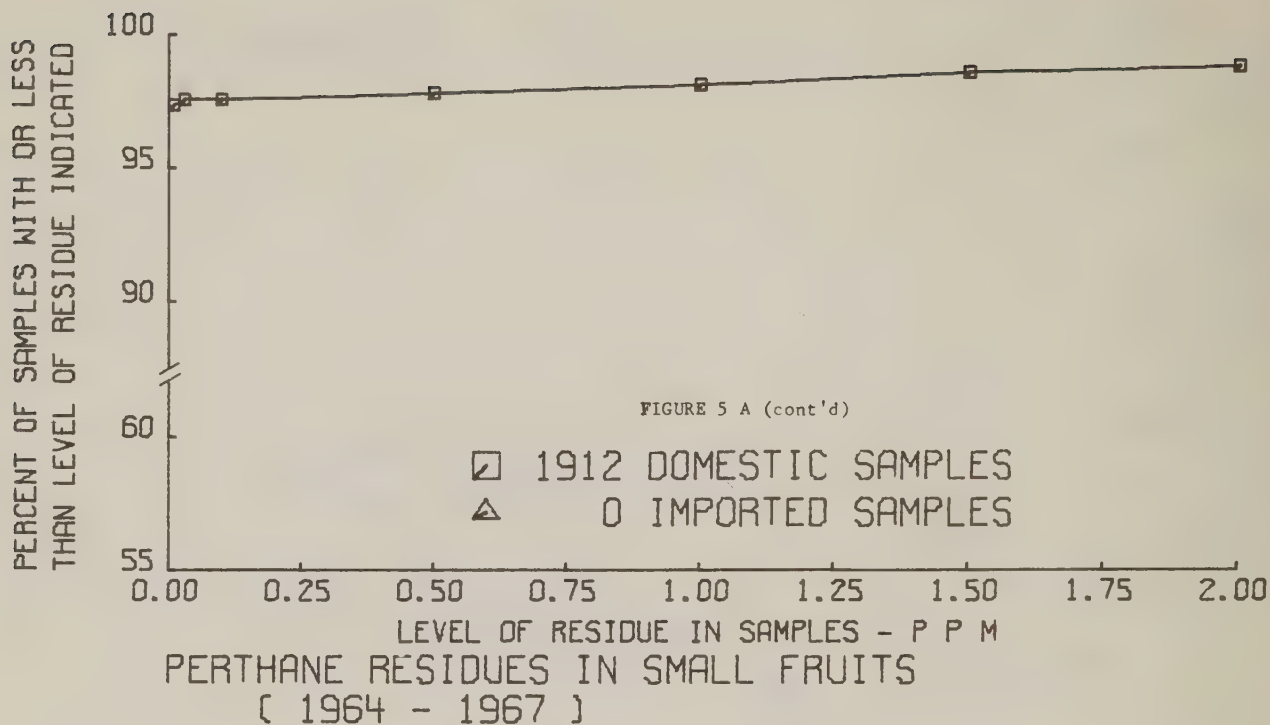


TABLE 5 A (cont'd)

SMALL FRUITS

		DOMESTIC					IMPORTED				
		PERCENT DISTRIBUTION OF SAMPLES FOR PERTHANE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL	
NONE FOUND	99.39	95.43	98.91	96.72	97.33	100.00	100.00	100.00	100.00	100.00	
TRACE-0.03	0.00	.50	0.00	.18	.20	0.00	0.00	0.00	0.00	0.00	
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.11 -0.50	.20	.33	.36	0.00	.20	0.00	0.00	0.00	0.00	0.00	
0.51 -1.00	0.00	.67	0.00	.18	.26	0.00	0.00	0.00	0.00	0.00	
1.01 -1.50	.20	.67	0.00	.36	.36	0.00	0.00	0.00	0.00	0.00	
1.51 -2.00	0.00	0.00	0.00	.72	.20	0.00	0.00	0.00	0.00	0.00	
ABOVE 2.00	.20	2.36	.72	1.82	1.41	0.00	0.00	0.00	0.00	0.00	
AVERAGE PPM	.01	.08	.03	.08	.06	0.00	0.00	0.00	0.00	0.00	

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR PERTHANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.39	95.43	98.91	96.72	97.33	100.00	100.00	100.00	100.00	100.00
0.03	99.39	95.94	98.91	96.90	97.54	100.00	100.00	100.00	100.00	100.00
0.10	99.39	95.94	98.91	96.90	97.54	100.00	100.00	100.00	100.00	100.00
0.50	99.59	96.28	99.27	96.90	97.75	100.00	100.00	100.00	100.00	100.00
1.00	99.59	96.95	99.27	97.08	98.01	100.00	100.00	100.00	100.00	100.00
1.50	99.79	97.63	99.27	97.44	98.37	100.00	100.00	100.00	100.00	100.00
2.00	99.79	97.63	99.27	98.17	98.58	100.00	100.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR PERTHANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	492	565	273	531	1861	78	93	52	71	294
TRACE-0.03	0	3	0	1	4	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	1	2	1	0	4	0	0	0	0	0
0.51 -1.00	0	4	0	1	5	0	0	0	0	0
1.01 -1.50	1	4	0	2	7	0	0	0	0	0
1.51 -2.00	0	0	0	4	4	0	0	0	0	0
ABOVE 2.00	1	14	2	10	27	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294

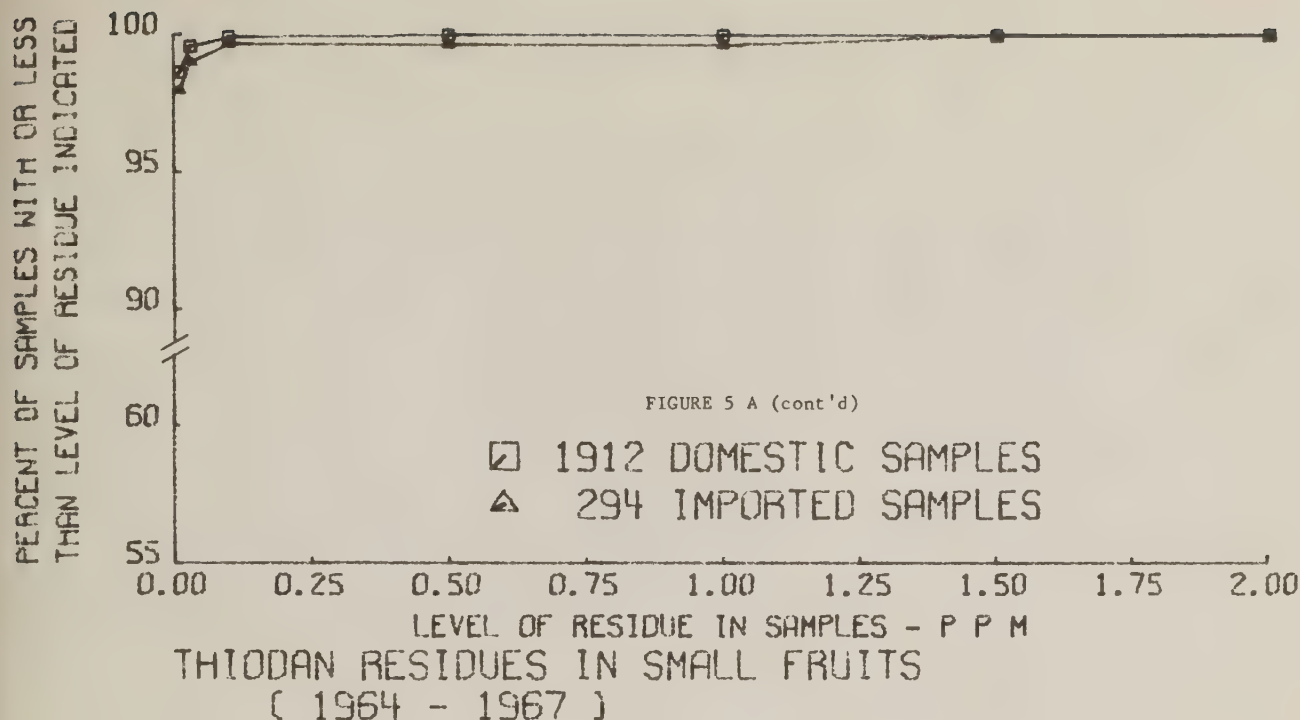


TABLE 5 A (cont'd)

SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	97.63	99.27	97.99	98.58	100.00	100.00	88.46	100.00	97.95
TRACE-0.03	0.00	2.19	.36	.72	.94	0.00	0.00	5.76	0.00	1.02
0.04 -0.10	0.00	.16	.36	.91	.36	0.00	0.00	3.84	0.00	.68
0.11 -0.50	0.00	0.00	0.00	.36	.10	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.00	.34
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.03	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR THIODAN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	97.63	99.27	97.99	98.58	100.00	100.00	88.46	100.00	97.95
0.03	100.00	99.83	99.63	98.72	99.52	100.00	100.00	94.23	100.00	98.97
0.10	100.00	99.99	99.99	99.63	99.89	100.00	100.00	98.07	100.00	99.65
0.50	100.00	99.99	99.99	99.99	99.99	100.00	100.00	98.07	100.00	99.65
1.00	100.00	99.99	99.99	99.99	99.99	100.00	100.00	98.07	100.00	99.65
1.50	100.00	99.99	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99
2.00	100.00	99.99	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR THIODAN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	495	578	274	538	1885	78	93	46	71	288
TRACE-0.03	0	13	1	4	18	0	0	3	0	3
0.04 -0.10	0	1	1	5	7	0	0	2	0	2
0.11 -0.50	0	0	0	2	2	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	1	0	1
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	495	592	276	549	1912	78	93	52	71	294

TABLE 5 A (cont'd)

## SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.27	93.98	95.75	0.00	0.00	100.00	98.59	99.18
TRACE-0.03	0.00	0.00	.36	3.09	2.18	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.36	1.82	1.33	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.91	.60	0.00	0.00	0.00	1.40	.81
0.51 -1.00	0.00	0.00	0.00	.18	.12	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.27	93.98	95.75	0.00	0.00	100.00	98.59	99.18
0.03	0.00	0.00	99.63	97.08	97.93	0.00	0.00	100.00	98.59	99.18
0.10	0.00	0.00	99.99	98.90	99.27	0.00	0.00	100.00	98.59	99.18
0.50	0.00	0.00	99.99	99.81	99.87	0.00	0.00	100.00	99.99	99.99
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	99.99	99.99

NUMBER OF SAMPLES FOR PARATHION										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	274	516	790	0	0	52	70	122
TRACE-0.03	0	0	1	17	18	0	0	0	0	0
0.04 -0.10	0	0	1	10	11	0	0	0	0	0
0.11 -0.50	0	0	0	5	5	0	0	0	1	1
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	276	549	825	0	0	52	71	123

TABLE 5 A (cont'd)

## SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ETHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	97.44	98.30	0.00	0.00	100.00	97.18	98.37
TRACE-0.03	0.00	0.00	0.00	.18	.12	0.00	0.00	0.00	1.40	.81
0.04 -0.10	0.00	0.00	0.00	1.09	.72	0.00	0.00	0.00	1.40	.81
0.11 -0.50	0.00	0.00	0.00	1.27	.84	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ETHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	97.44	98.30	0.00	0.00	100.00	97.18	98.37
0.03	0.00	0.00	100.00	97.63	98.42	0.00	0.00	100.00	98.59	99.18
0.10	0.00	0.00	100.00	98.72	99.15	0.00	0.00	100.00	99.99	99.99
0.50	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	99.99	99.99
1.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	99.99	99.99
1.50	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	99.99	99.99
2.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	99.99	99.99

NUMBER OF SAMPLES FOR ETHION										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	276	535	811	0	0	52	69	121
TRACE-0.03	0	0	0	1	1	0	0	0	1	1
0.04 -0.10	0	0	0	6	6	0	0	0	1	1
0.11 -0.50	0	0	0	7	7	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	276	549	825	0	0	52	71	123

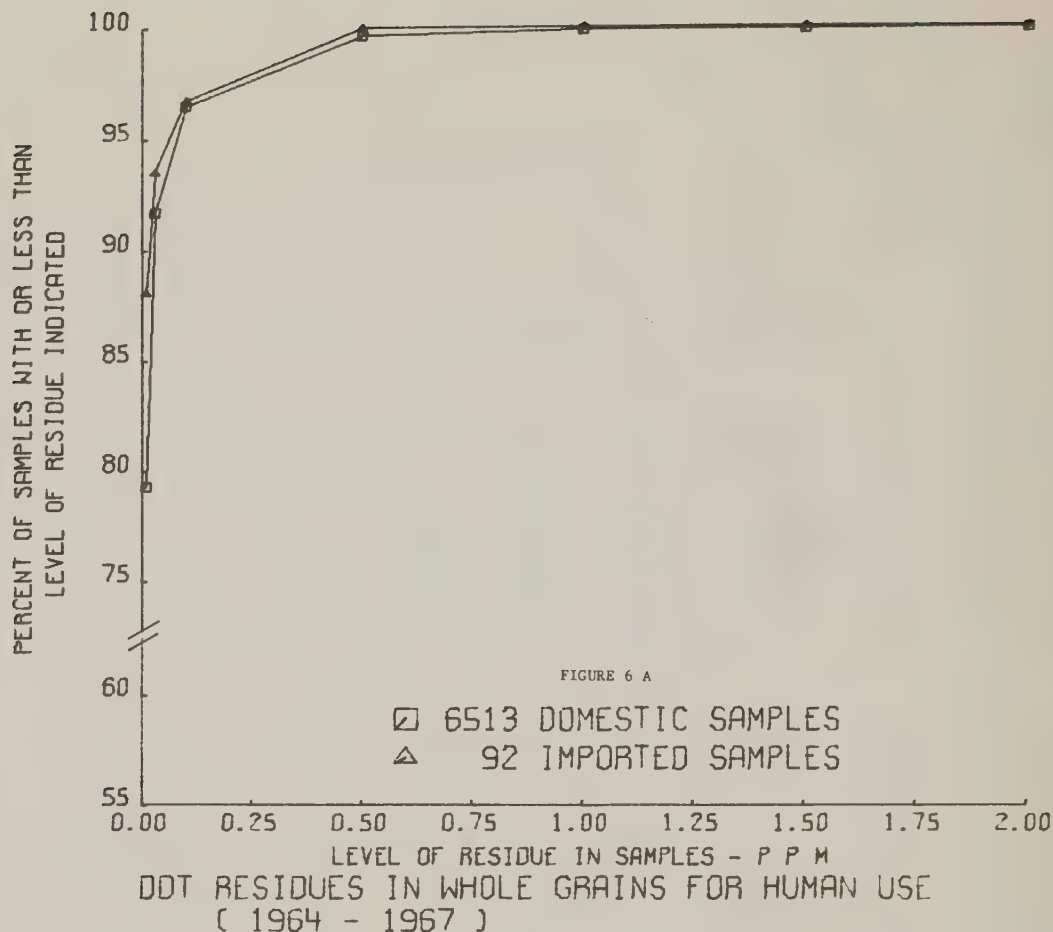
TABLE 5 A (cont'd)

## SMALL FRUITS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TEDION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.27	95.99	97.09	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	0.00	.18	.12	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	.72	.48	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	.36	2.73	1.93	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.36	.18	.24	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	.18	.12	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	.01	.01	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TEDION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.27	95.99	97.09	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	99.27	96.17	97.21	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.27	96.90	97.69	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.63	99.63	99.63	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.99	99.81	99.87	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.99	99.81	99.87	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR TEDION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	274	527	801	0	0	52	71	123
TRACE-0.03	0	0	0	1	1	0	0	0	0	0
0.04 -0.10	0	0	0	4	4	0	0	0	0	0
0.11 -0.50	0	0	1	15	16	0	0	0	0	0
0.51 -1.00	0	0	1	1	2	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	1	1	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	276	549	825	0	0	52	71	123



WHOLE GRAINS FOR HUMAN USE

TABLE 6 A

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	76.78	81.11	81.26	81.43	79.27	90.00	90.90	66.66	90.90	88.04
TRACE-0.03	13.06	10.13	12.12	14.44	12.43	6.00	4.54	11.11	0.00	5.43
0.04 -0.10	5.95	4.86	3.85	2.35	4.79	2.00	0.00	11.11	9.09	3.26
0.11 -0.50	3.77	3.75	2.38	1.37	3.16	2.00	4.54	11.11	0.00	3.26
0.51 -1.00	.24	.13	.18	.29	.21	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.03	0.00	.09	0.00	.03	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.06	0.00	0.00	.09	.04	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.06	0.00	.09	0.00	.04	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.04	.02	.02	.01	.03	.01	.01	.04	.01	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	76.78	81.11	81.26	81.43	79.27	90.00	90.90	66.66	90.90	88.04
0.03	89.84	91.24	93.38	95.87	91.70	96.00	95.45	77.77	90.90	93.47
0.10	95.80	96.11	97.24	98.23	96.49	98.00	95.45	88.89	99.99	96.73
0.50	99.58	99.86	99.63	99.60	99.66	100.00	99.99	99.99	99.99	99.99
1.00	99.82	99.99	99.81	99.90	99.87	100.00	99.99	99.99	99.99	99.99
1.50	99.86	99.99	99.90	99.90	99.90	100.00	99.99	99.99	99.99	99.99
2.00	99.93	99.99	99.90	99.99	99.95	100.00	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2216	1233	885	829	5163	45	20	6	10	81
TRACE-0.03	377	154	132	147	810	3	1	1	0	5
0.04 -0.10	172	74	42	24	312	1	0	1	1	3
0.11 -0.50	109	57	26	14	206	1	1	1	0	3
0.51 -1.00	7	2	2	3	14	0	0	0	0	0
1.01 -1.50	1	0	1	0	2	0	0	0	0	0
1.51 -2.00	2	0	0	1	3	0	0	0	0	0
ABOVE 2.00	2	0	1	0	3	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92



PERCENT OF SAMPLES WITH OR LESS THAN  
LEVEL OF RESIDUE INDICATED

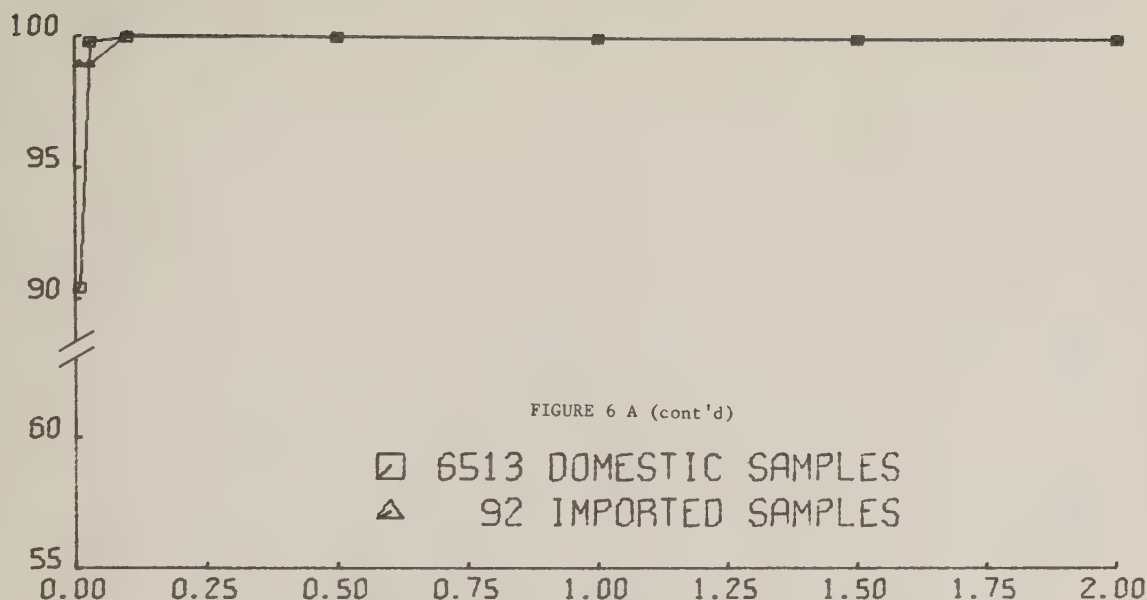


FIGURE 6 A (cont'd)

□ 6513 DOMESTIC SAMPLES  
△ 92 IMPORTED SAMPLES

LEVEL OF RESIDUE IN SAMPLES - P P M  
DDE RESIDUES IN WHOLE GRAINS FOR HUMAN USE  
( 1964 - 1967 )

TABLE 6 A (cont'd)

WHOLE GRAINS FOR HUMAN USE

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	88.01	92.30	92.65	92.04	90.41	100.00	100.00	100.00	90.90	98.91
TRACE-0.03	11.64	7.56	7.07	7.76	9.31	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.31	.06	.18	.19	.21	0.00	0.00	0.00	9.09	1.08
0.11 -0.50	.03	.06	.09	0.00	.04	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	88.01	92.30	92.65	92.04	90.41	100.00	100.00	100.00	90.90	98.91
0.03	99.65	99.86	99.72	99.80	99.73	100.00	100.00	100.00	90.90	98.91
0.10	99.96	99.93	99.90	99.99	99.95	100.00	100.00	100.00	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2540	1403	1009	937	5889	50	22	9	10	91
TRACE-0.03	336	115	77	79	607	0	0	0	0	0
0.04 -0.10	9	1	2	2	14	0	0	0	1	1
0.11 -0.50	1	1	1	0	3	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92

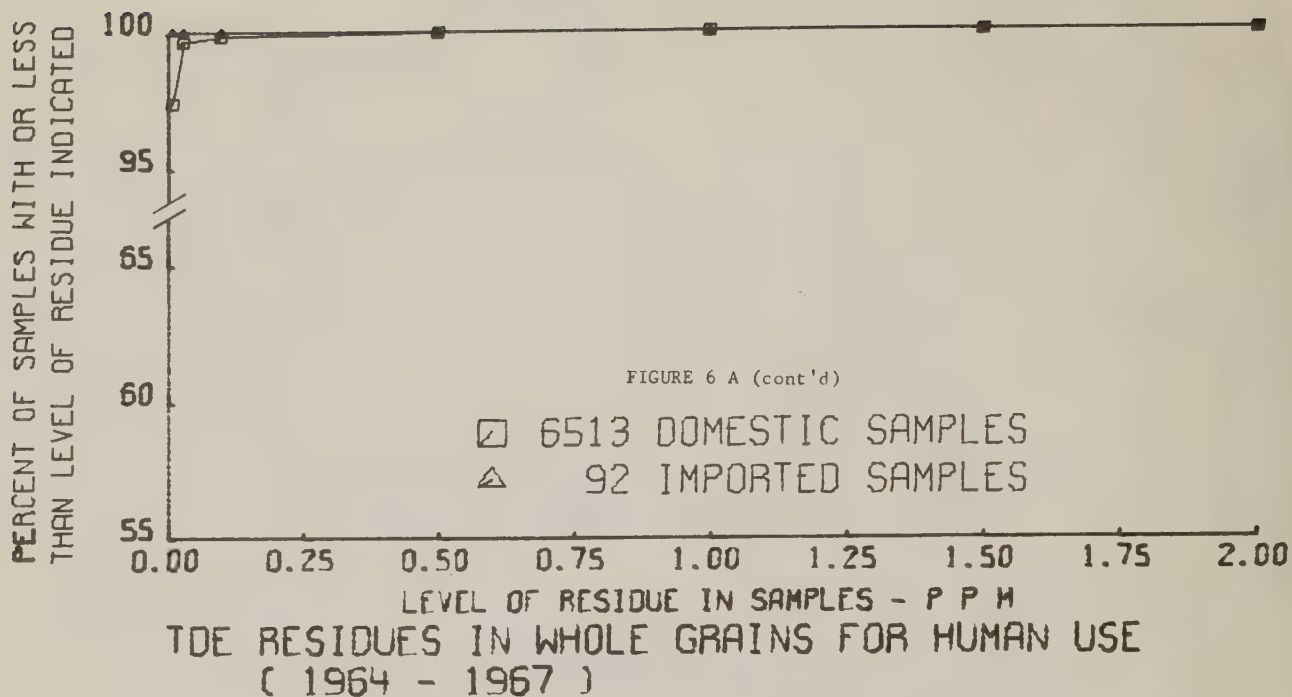


TABLE 6 A (cont'd)

WHOLE GRAINS FOR HUMAN USE

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR					TDE				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.57	98.42	95.68	94.30	97.38	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	1.21	1.38	4.13	4.61	2.27	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.10	.19	.09	.58	.19	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.10	0.00	.09	.49	.13	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.57	98.42	95.68	94.30	97.38	100.00	100.00	100.00	100.00	100.00
0.03	99.79	99.80	99.81	98.91	99.66	100.00	100.00	100.00	100.00	100.00
0.10	99.89	99.99	99.90	99.50	99.86	100.00	100.00	100.00	100.00	100.00
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2845	1496	1042	960	6343	50	22	9	11	92
TRACE-0.03	35	21	45	47	148	0	0	0	0	0
0.04 -0.10	3	3	1	6	13	0	0	0	0	0
0.11 -0.50	3	0	1	5	9	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92

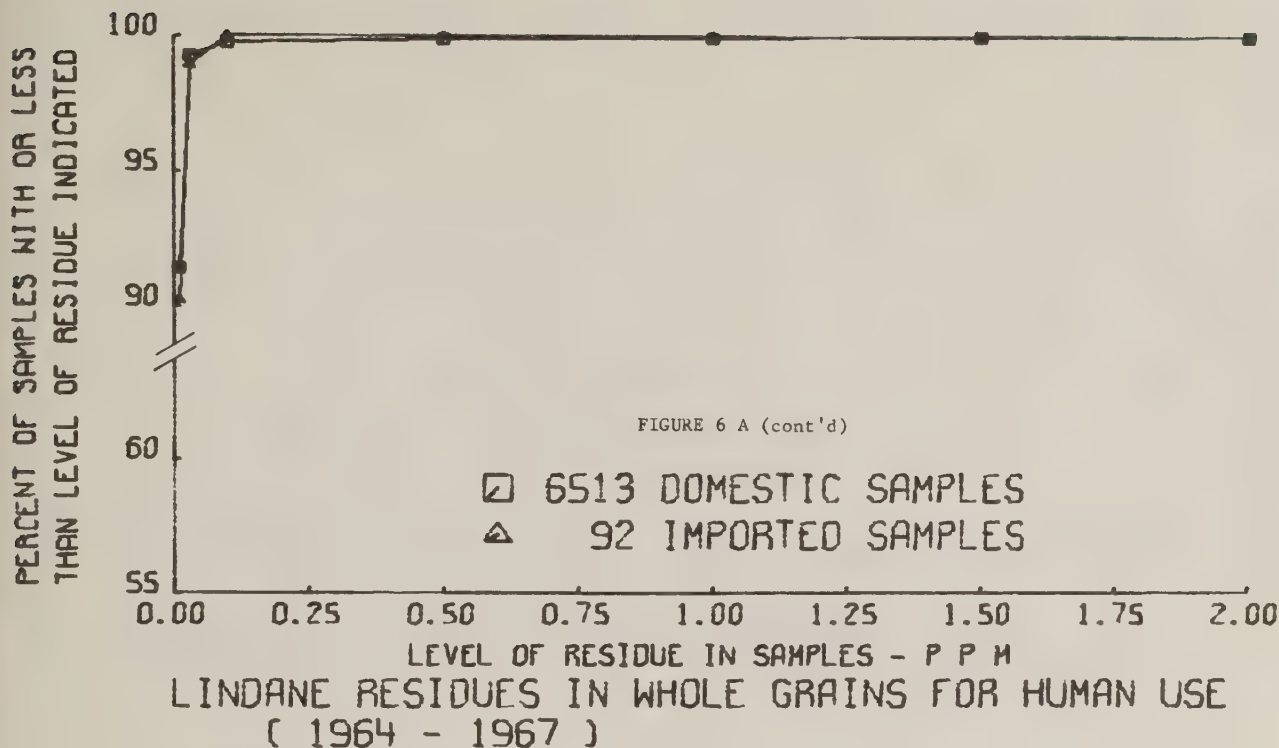


TABLE 6 A (cont'd)

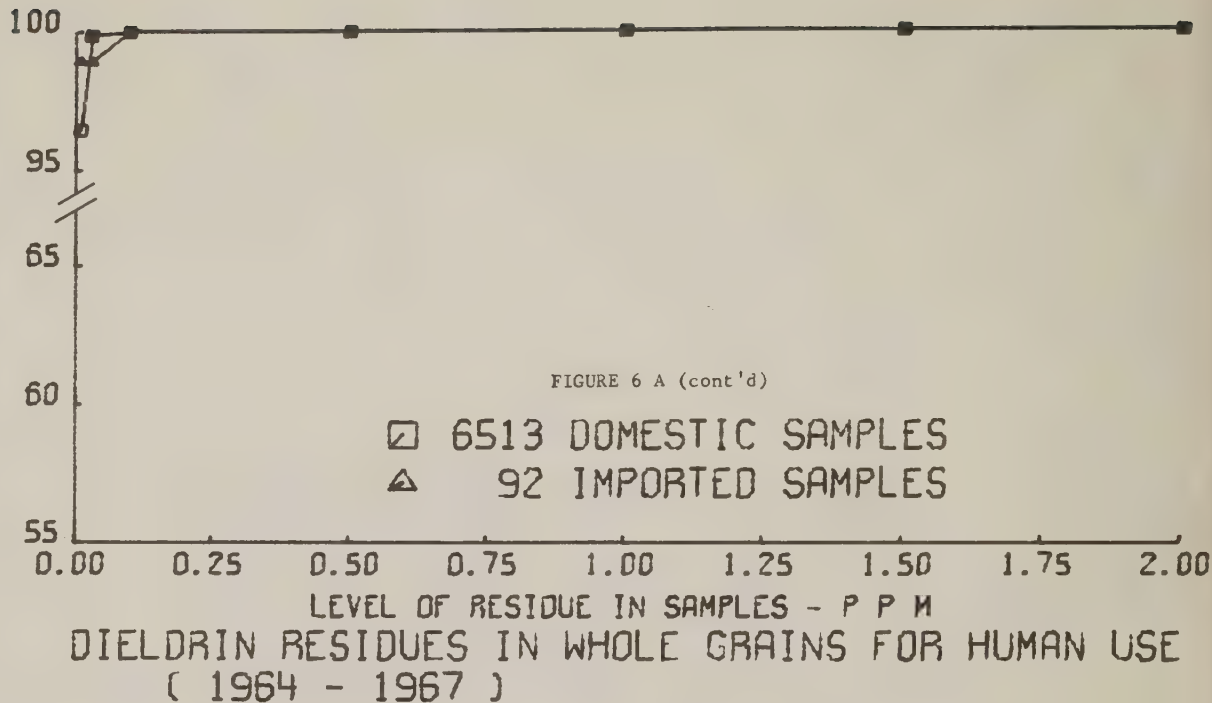
WHOLE GRAINS FOR HUMAN USE

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.53	92.10	91.46	95.67	91.41	94.00	86.36	66.66	100.00	90.21
TRACE-0.03	9.90	7.56	6.42	3.92	7.84	6.00	9.09	33.33	0.00	8.69
0.04 -0.10	.31	.13	1.56	.19	.46	0.00	4.54	0.00	0.00	1.08
0.11 -0.50	.10	.19	.36	.19	.18	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.06	0.00	.09	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.06	0.00	.09	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	.01	0.00	0.00	0.00	.01	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.53	92.10	91.46	95.67	91.41	94.00	86.36	66.66	100.00	90.21
0.03	99.44	99.67	97.88	99.60	99.26	100.00	95.45	99.99	100.00	98.91
0.10	99.75	99.80	99.44	99.80	99.72	100.00	99.99	99.99	100.00	99.99
0.50	99.86	99.99	99.81	99.99	99.90	100.00	99.99	99.99	100.00	99.99
1.00	99.93	99.99	99.90	99.99	99.95	100.00	99.99	99.99	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99

NUMBER OF SAMPLES FOR LINDANE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2584	1400	996	974	5954	47	19	6	11	83
TRACE-0.03	286	115	70	40	511	3	2	3	0	8
0.04 -0.10	9	2	17	2	30	0	1	0	0	1
0.11 -0.50	3	3	4	2	12	0	0	0	0	0
0.51 -1.00	2	0	1	0	3	0	0	0	0	0
1.01 -1.50	2	0	1	0	3	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



WHOLE GRAINS FOR HUMAN USE

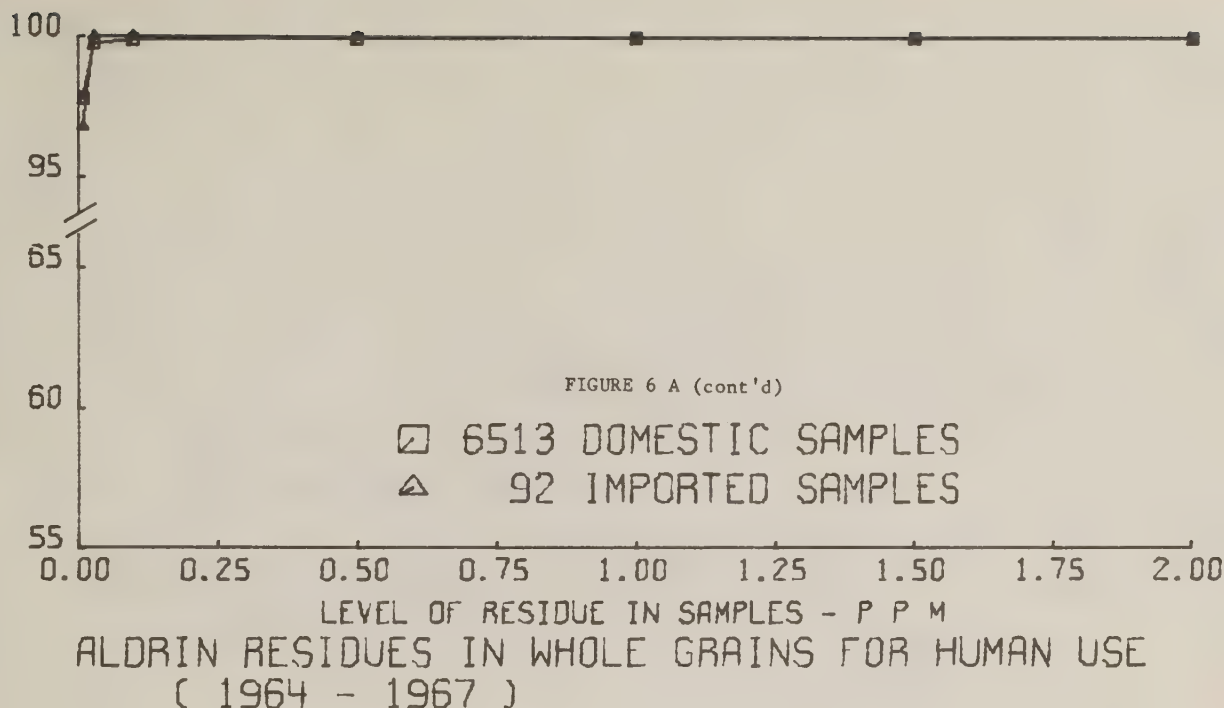
TABLE 6 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.60	98.15	94.58	92.53	96.43	100.00	100.00	88.88	100.00	98.91
TRACE-0.03	2.28	1.84	4.95	7.26	3.40	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.10	0.00	.45	.09	.13	0.00	0.00	11.11	0.00	1.08
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	.09	.01	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.60	98.15	94.58	92.53	96.43	100.00	100.00	88.88	100.00	98.91
0.03	99.89	99.99	99.54	99.80	99.84	100.00	100.00	88.88	100.00	98.91
0.10	99.99	99.99	99.99	99.90	99.98	100.00	100.00	99.99	100.00	99.99
0.50	99.99	99.99	99.99	99.90	99.98	100.00	100.00	99.99	100.00	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2817	1492	1030	942	6281	50	22	8	11	91
TRACE-0.03	66	28	54	74	222	0	0	0	0	0
0.04 -0.10	3	0	5	1	9	0	0	1	0	1
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



WHOLE GRAINS FOR HUMAN USE

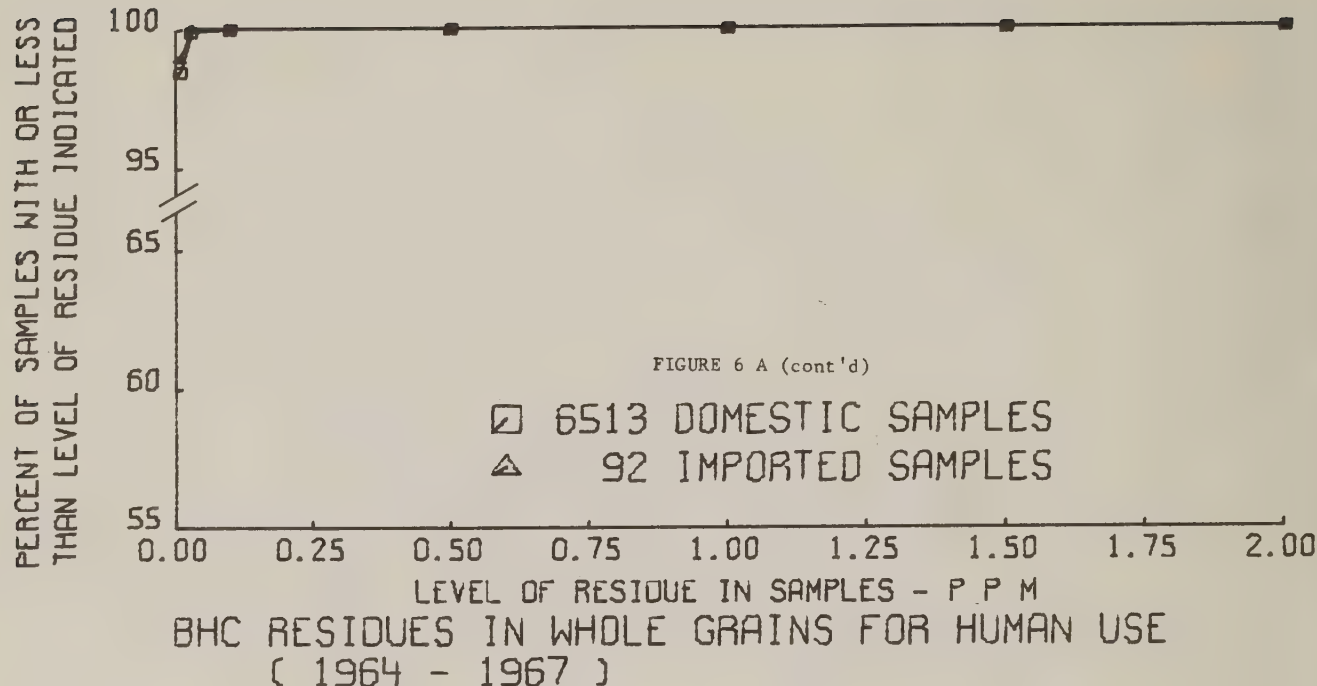
TABLE 6 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.92	98.61	97.33	96.85	97.81	96.00	100.00	88.88	100.00	96.73
TRACE-0.03	1.80	1.25	2.20	2.94	1.91	4.00	0.00	11.11	0.00	3.26
0.04 -0.10	.17	.06	.27	.19	.16	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.06	.06	0.00	0.00	.04	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.18	0.00	.03	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.03	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.92	98.61	97.33	96.85	97.81	96.00	100.00	88.88	100.00	96.73
0.03	99.72	99.86	99.54	99.80	99.73	100.00	100.00	99.99	100.00	99.99
0.10	99.89	99.93	99.81	99.99	99.90	100.00	100.00	99.99	100.00	99.99
0.50	99.96	99.99	99.81	99.99	99.95	100.00	100.00	99.99	100.00	99.99
1.00	99.96	99.99	99.99	99.99	99.98	100.00	100.00	99.99	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99

NUMBER OF SAMPLES FOR ALDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2826	1499	1060	986	6371	48	22	8	11	89
TRACE-0.03	52	19	24	30	125	2	0	1	0	3
0.04 -0.10	5	1	3	2	11	0	0	0	0	0
0.11 -0.50	2	1	0	0	3	0	0	0	0	0
0.51 -1.00	0	0	2	0	2	0	0	0	0	0
1.01 -1.50	1	0	0	0	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92





WHOLE GRAINS FOR HUMAN USE TABLE 6 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.40	99.27	98.80	97.05	98.46	100.00	100.00	88.88	100.00	98.91
TRACE-0.03	1.48	.72	.91	2.94	1.44	0.00	0.00	11.11	0.00	1.08
0.04 -0.10	.10	0.00	.18	0.00	.07	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	.09	0.00	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.40	99.27	98.80	97.05	98.46	100.00	100.00	88.88	100.00	98.91
0.03	99.89	99.99	99.72	99.99	99.90	100.00	100.00	99.99	100.00	99.99
0.10	99.99	99.99	99.90	99.99	99.98	100.00	100.00	99.99	100.00	99.99
0.50	99.99	99.99	99.90	99.99	99.98	100.00	100.00	99.99	100.00	99.99
1.00	99.99	99.99	99.90	99.99	99.98	100.00	100.00	99.99	100.00	99.99
1.50	99.99	99.99	99.90	99.99	99.98	100.00	100.00	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99

NUMBER OF SAMPLES FOR BHC										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2840	1509	1076	988	6413	50	22	8	11	91
TRACE-0.03	43	11	10	30	94	0	0	1	0	1
0.04 -0.10	3	0	2	0	5	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	1	0	1	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92

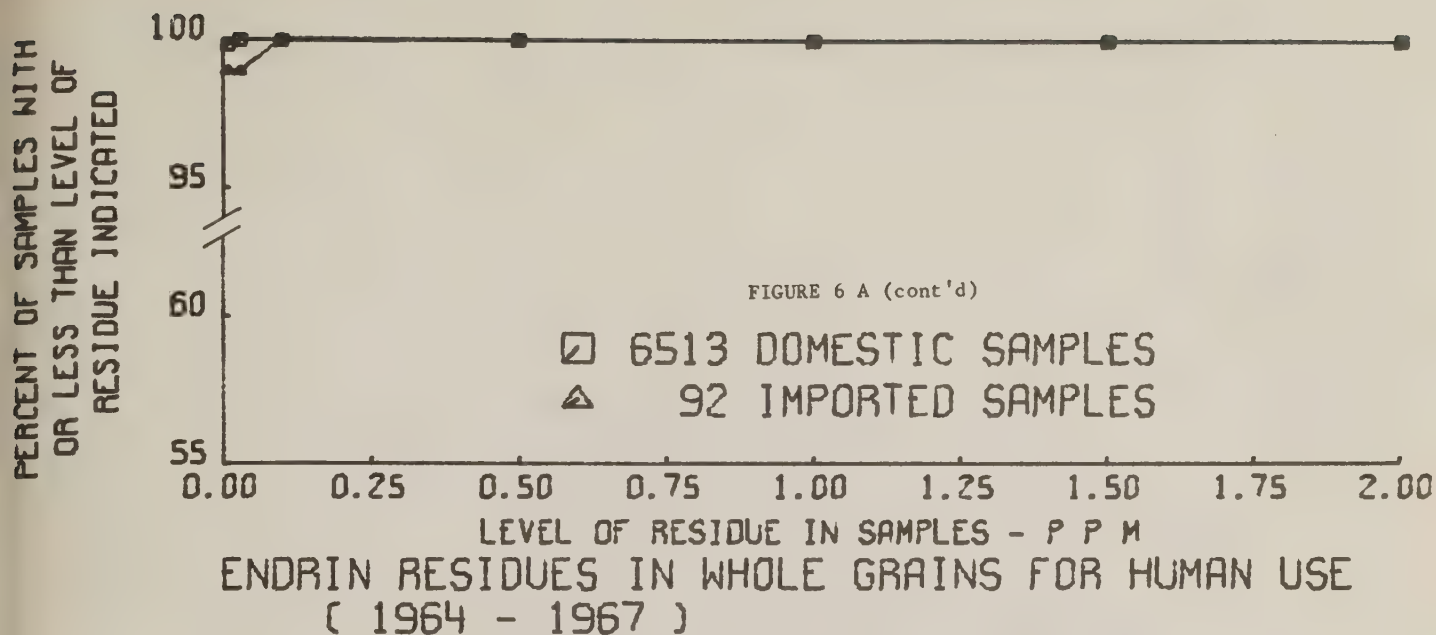
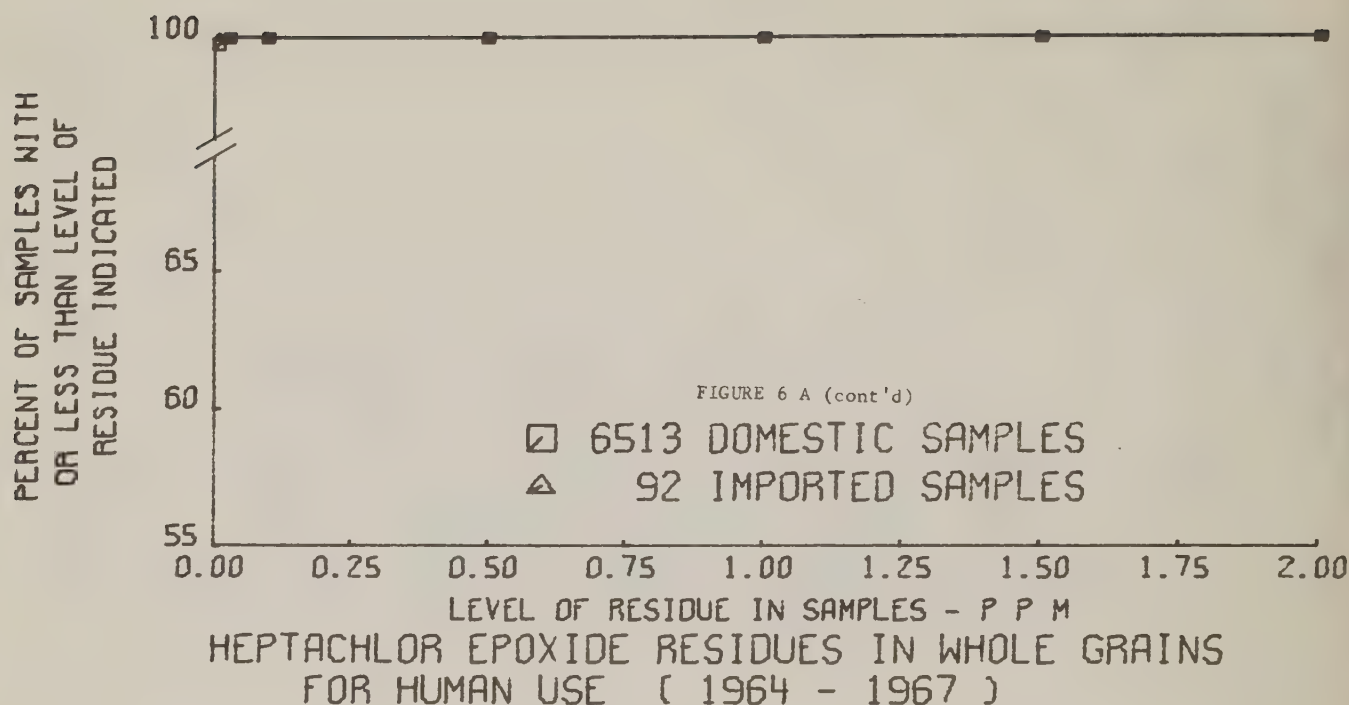


TABLE 6 A (cont'd)  
WHOLE GRAINS FOR HUMAN USE

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.79	99.86	100.00	99.50	99.80	100.00	100.00	88.88	100.00	98.91
TRACE-0.03	.20	.13	0.00	.29	.16	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.11	0.00	1.08
0.11 -0.50	0.00	0.00	0.00	.19	.03	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.79	99.86	100.00	99.50	99.80	100.00	100.00	88.88	100.00	98.91
0.03	99.99	99.99	100.00	99.80	99.96	100.00	100.00	88.88	100.00	98.91
0.10	99.99	99.99	100.00	99.80	99.96	100.00	100.00	99.99	100.00	99.99
0.50	99.99	99.99	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99
1.00	99.99	99.99	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99
1.50	99.99	99.99	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99
2.00	99.99	99.99	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2880	1518	1089	1013	6500	50	22	8	11	91
TRACE-0.03	6	2	0	3	11	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	1	0	1
0.11 -0.50	0	0	0	2	2	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92



WHOLE GRAINS FOR HUMAN USE

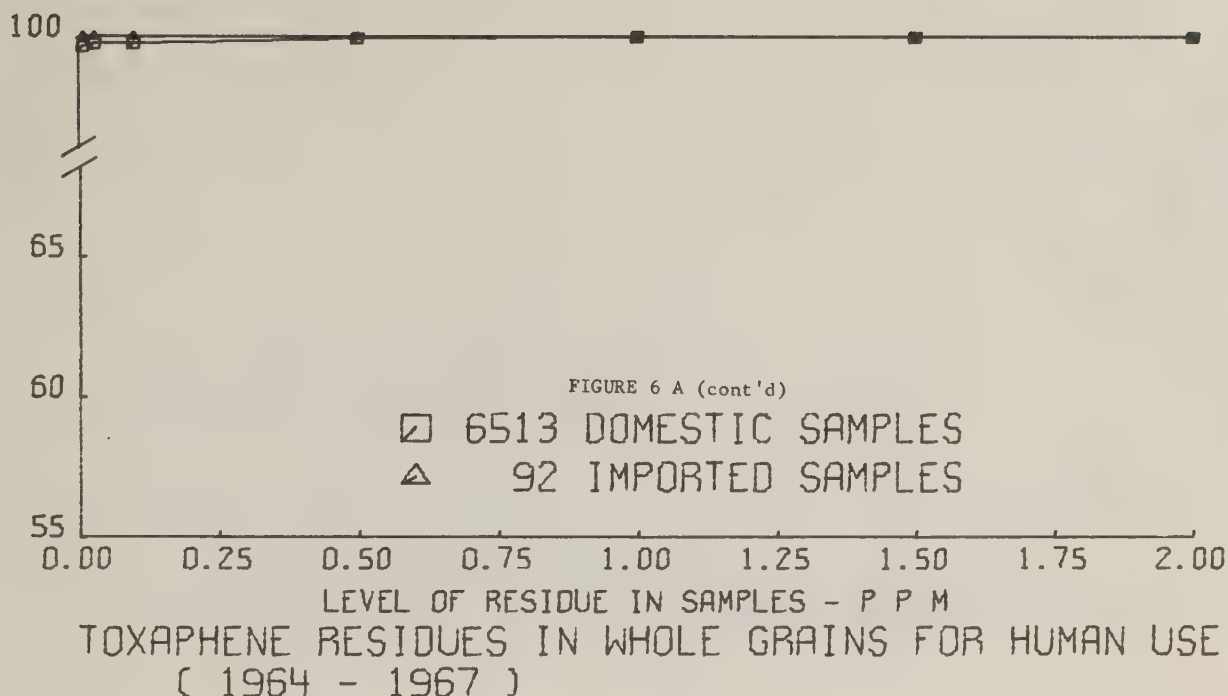
TABLE 6 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.86	99.53	99.90	99.60	99.75	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	.13	.39	.09	.39	.23	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	.06	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.86	99.53	99.90	99.60	99.75	100.00	100.00	100.00	100.00	100.00
0.03	99.99	99.93	99.99	99.99	99.98	100.00	100.00	100.00	100.00	100.00
0.10	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2882	1513	1088	1014	6497	50	22	9	11	92
TRACE-0.03	4	6	1	4	15	0	0	0	0	0
0.04 -0.10	0	1	0	0	1	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92

PERCENT OF SAMPLES WITH  
OR LESS THAN LEVEL OF  
RESIDUE INDICATED



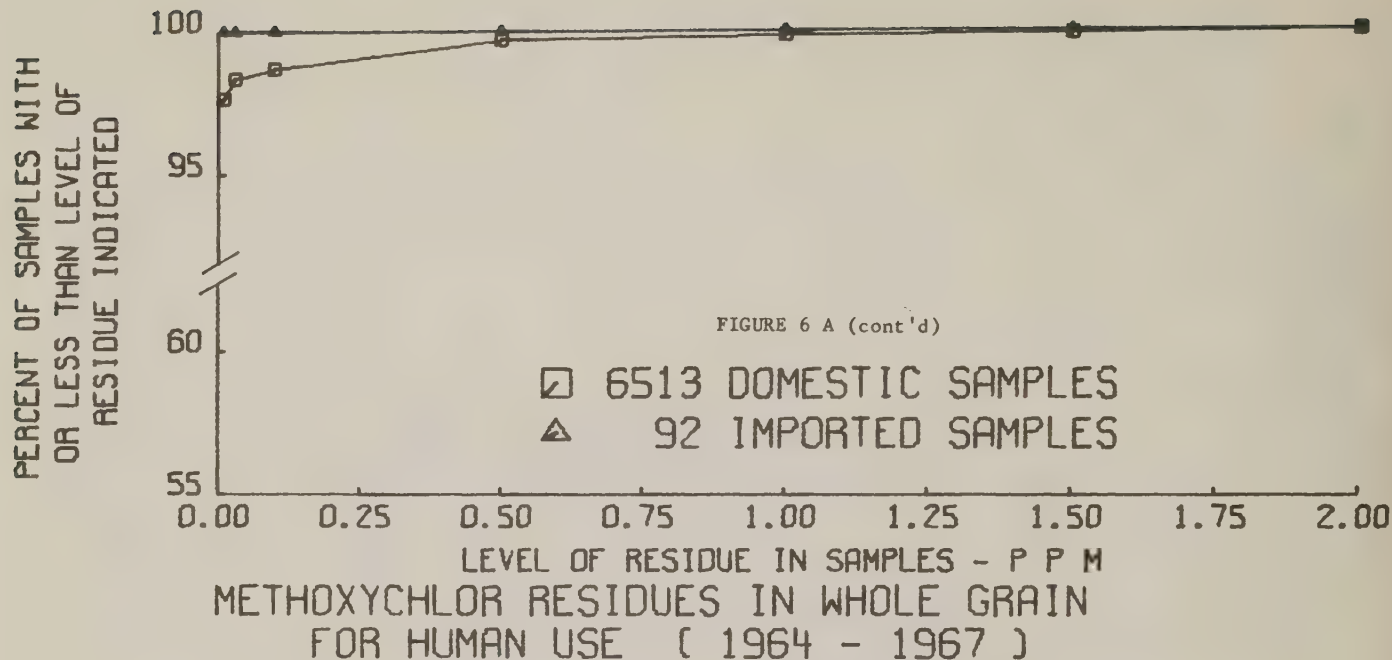
WHOLE GRAINS FOR HUMAN USE

TABLE 6 A (cont'd)

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.44	99.86	100.00	99.60	99.66	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	.06	.13	0.00	.09	.07	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.06	0.00	0.00	0.00	.03	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.34	0.00	0.00	.29	.19	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.03	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.03	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.44	99.86	100.00	99.60	99.66	100.00	100.00	100.00	100.00	100.00
0.03	99.51	99.99	100.00	99.70	99.73	100.00	100.00	100.00	100.00	100.00
0.10	99.58	99.99	100.00	99.70	99.76	100.00	100.00	100.00	100.00	100.00
0.50	99.93	99.99	100.00	99.99	99.96	100.00	100.00	100.00	100.00	100.00
1.00	99.96	99.99	100.00	99.99	99.98	100.00	100.00	100.00	100.00	100.00
1.50	99.96	99.99	100.00	99.99	99.98	100.00	100.00	100.00	100.00	100.00
2.00	99.96	99.99	100.00	99.99	99.98	100.00	100.00	100.00	100.00	100.00

	NUMBER OF SAMPLES FOR TOXAPHENE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2870	1518	1089	1014	6491	50	22	9	11	92
TRACE-0.03	2	2	0	1	5	0	0	0	0	0
0.04 -0.10	2	0	0	0	2	0	0	0	0	0
0.11 -0.50	10	0	0	3	13	0	0	0	0	0
0.51 -1.00	1	0	0	0	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	1	0	0	0	1	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92



WHOLE GRAINS FOR HUMAN USE

TABLE 6 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.64	97.63	97.15	98.03	97.62	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	.76	.52	.64	.88	.70	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.31	.46	.36	.29	.35	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	1.07	.85	1.37	.68	1.01	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.10	.39	.09	0.00	.15	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.03	.06	.09	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.06	.06	.27	0.00	.09	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	.09	.01	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	.01	.01	.01	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.64	97.63	97.15	98.03	97.62	100.00	100.00	100.00	100.00	100.00
0.03	98.40	98.15	97.79	98.91	98.32	100.00	100.00	100.00	100.00	100.00
0.10	98.71	98.61	98.16	99.21	98.67	100.00	100.00	100.00	100.00	100.00
0.50	99.79	99.47	99.54	99.90	99.69	100.00	100.00	100.00	100.00	100.00
1.00	99.89	99.86	99.63	99.90	99.84	100.00	100.00	100.00	100.00	100.00
1.50	99.93	99.93	99.72	99.90	99.89	100.00	100.00	100.00	100.00	100.00
2.00	99.99	99.99	99.99	99.90	99.98	100.00	100.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2818	1484	1058	998	6358	50	22	9	11	92
TRACE-0.03	22	8	7	9	46	0	0	0	0	0
0.04 -0.10	9	7	4	3	23	0	0	0	0	0
0.11 -0.50	31	13	15	7	66	0	0	0	0	0
0.51 -1.00	3	6	1	0	10	0	0	0	0	0
1.01 -1.50	1	1	1	0	3	0	0	0	0	0
1.51 -2.00	2	1	3	0	6	0	0	0	0	0
ABOVE 2.00	0	0	0	1	1	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92



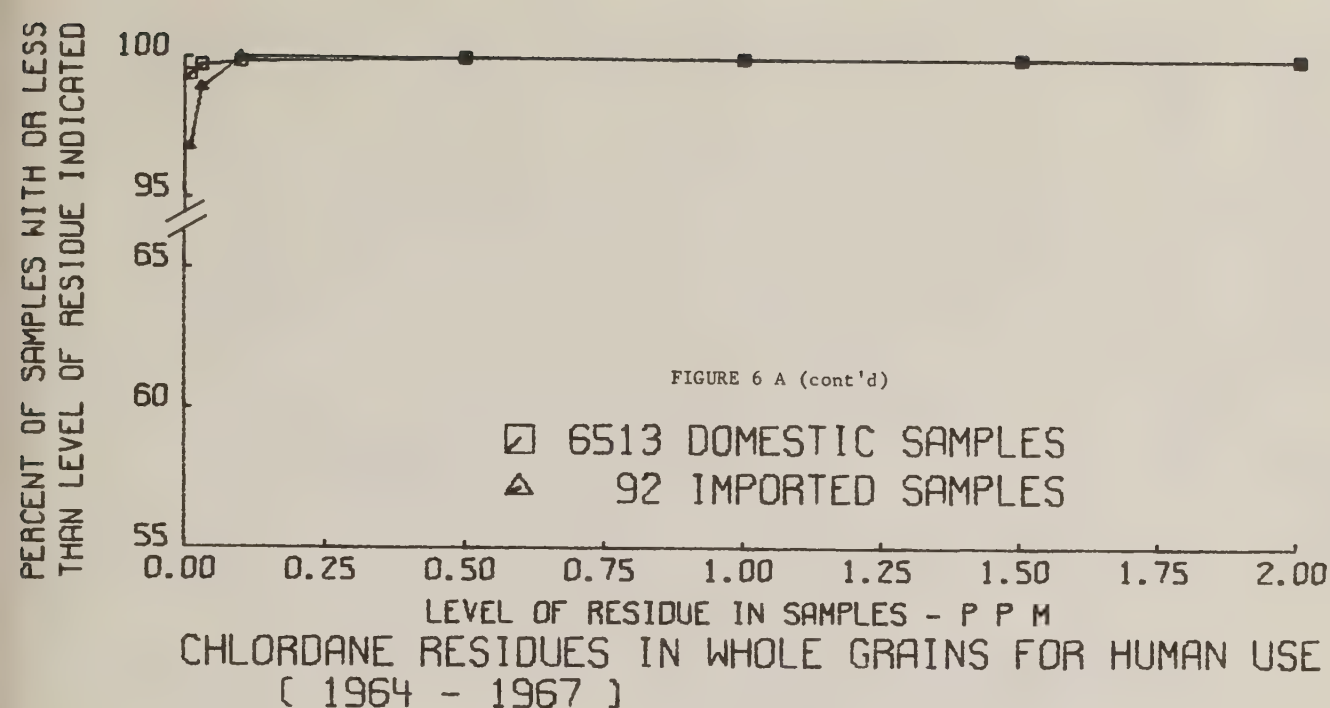


TABLE 6 A (cont'd)

WHOLE GRAINS FOR HUMAN USE

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR CHLORDANE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.13	99.21	99.90	99.60	99.35	98.00	95.45	88.88	100.00	96.73
TRACE-0.03	.55	.32	0.00	.09	.33	0.00	4.54	11.11	0.00	2.17
0.04 -0.10	.24	.13	0.00	.09	.15	2.00	0.00	0.00	0.00	1.08
0.11 -0.50	.06	.32	.09	.09	.13	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	.09	.01	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR CHLORDANE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.13	99.21	99.90	99.60	99.35	98.00	95.45	88.88	100.00	96.73
0.03	99.68	99.53	99.90	99.70	99.69	98.00	99.99	99.99	100.00	98.91
0.10	99.93	99.67	99.90	99.80	99.84	100.00	99.99	99.99	100.00	99.99
0.50	99.99	99.99	99.99	99.90	99.98	100.00	99.99	99.99	100.00	99.99
1.00	99.99	99.99	99.99	99.90	99.98	100.00	99.99	99.99	100.00	99.99
1.50	99.99	99.99	99.99	99.90	99.98	100.00	99.99	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.90	99.98	100.00	99.99	99.99	100.00	99.99

	NUMBER OF SAMPLES FOR CHLORDANE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2861	1508	1088	1014	6471	49	21	8	11	89
TRACE-0.03	16	5	0	1	22	0	1	1	0	2
0.04 -0.10	7	2	0	1	10	1	0	0	0	1
0.11 -0.50	2	5	1	1	9	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	1	1	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

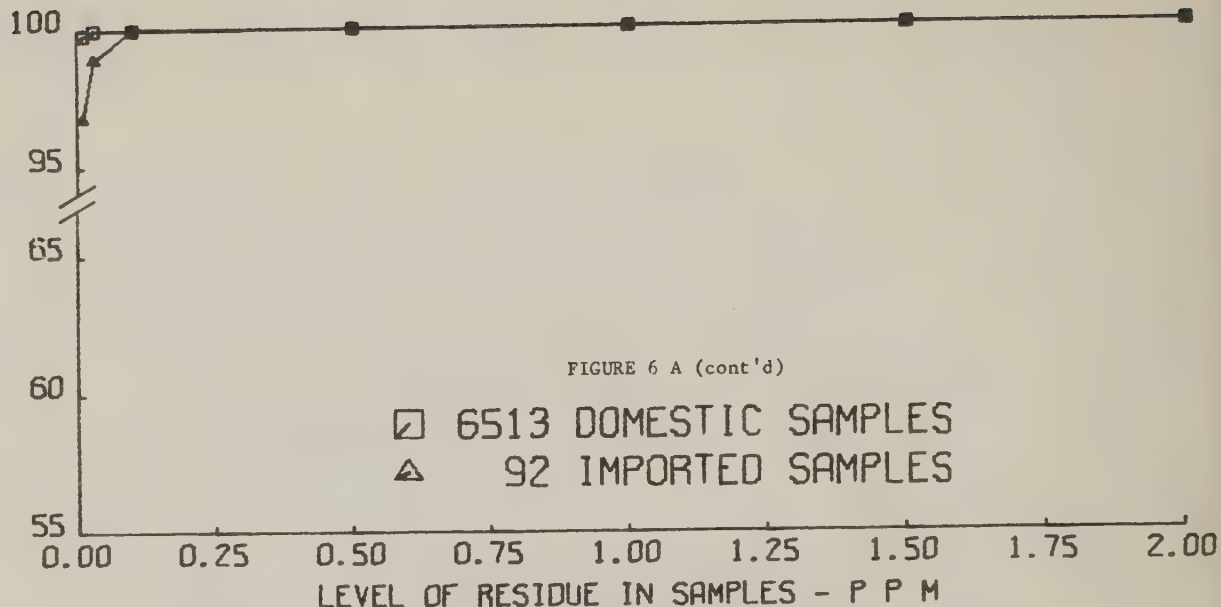


FIGURE 6 A (cont'd)

□ 6513 DOMESTIC SAMPLES  
△ 92 IMPORTED SAMPLES

LEVEL OF RESIDUE IN SAMPLES - P P M  
HEPTACHLOR RESIDUES IN WHOLE GRAINS FOR HUMAN USE  
( 1964 - 1967 )

TABLE 6 A (cont'd)

WHOLE GRAINS FOR HUMAN USE

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.79	99.93	100.00	99.01	99.73	96.00	95.45	100.00	100.00	96.73
TRACE-0.03	.17	.06	0.00	.88	.23	4.00	0.00	0.00	0.00	2.17
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	4.54	0.00	0.00	1.08
0.11 -0.50	.03	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	.09	.01	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.79	99.93	100.00	99.01	99.73	96.00	95.45	100.00	100.00	96.73
0.03	99.96	99.99	100.00	99.90	99.96	100.00	95.45	100.00	100.00	98.91
0.10	99.96	99.99	100.00	99.90	99.96	100.00	99.99	100.00	100.00	99.99
0.50	99.99	99.99	100.00	99.90	99.98	100.00	99.99	100.00	100.00	99.99
1.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99	100.00	100.00	99.99
1.50	99.99	99.99	100.00	99.99	99.99	100.00	99.99	100.00	100.00	99.99
2.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99	100.00	100.00	99.99

NUMBER OF SAMPLES FOR HEPTACHLOR										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2880	1519	1089	1008	6496	48	21	9	11	89
TRACE-0.03	5	1	0	9	15	2	0	0	0	2
0.04 -0.10	0	0	0	0	0	0	1	0	0	1
0.11 -0.50	1	0	0	0	1	0	0	0	0	0
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2886	1520	1089	1018	6513	50	22	9	11	92

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR MALATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	95.13	84.38	89.93	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	.45	8.64	4.41	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.45	1.57	.99	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	1.10	3.73	2.37	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.82	.78	.80	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.36	.39	.37	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	1.65	.49	1.09	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	1.01	.04	.55	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR MALATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	95.13	84.38	89.93	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	95.59	93.02	94.35	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	96.05	94.59	95.24	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	97.15	98.33	97.72	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	97.97	99.11	98.52	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	98.24	99.50	98.90	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	98.34	99.50	98.90	0.00	0.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR MALATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	1036	859	1895	0	0	9	11	20
TRACE-0.03	0	0	5	88	93	0	0	0	0	0
0.04 -0.10	0	0	5	16	21	0	0	0	0	0
0.11 -0.50	0	0	12	38	50	0	0	0	0	0
0.51 -1.00	0	0	9	8	17	0	0	0	0	0
1.01 -1.50	0	0	4	4	8	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	18	5	23	0	0	0	0	0
TOTAL	0	0	1089	1018	2107	0	0	9	11	20

WHOLE GRAINS FOR HUMAN USE

TABLE 6 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR CARBARYL									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	0.00	98.62	98.62	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	0.00	0.00	0.00	.19	.19	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	.19	.19	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.98	.98	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR CARBARYL									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	0.00	98.62	98.62	0.00	0.00	0.00	0.00	0.00
0.03	0.00	0.00	0.00	98.82	98.82	0.00	0.00	0.00	0.00	0.00
0.10	0.00	0.00	0.00	99.01	99.01	0.00	0.00	0.00	0.00	0.00
0.50	0.00	0.00	0.00	99.99	99.99	0.00	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	99.99	99.99	0.00	0.00	0.00	0.00	0.00
1.50	0.00	0.00	0.00	99.99	99.99	0.00	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	99.99	99.99	0.00	0.00	0.00	0.00	0.00

RANGE PPM	NUMBER OF SAMPLES FOR CARBARYL									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	0	1004	1004	0	0	0	0	0
TRACE-0.03	0	0	0	2	2	0	0	0	0	0
0.04 -0.10	0	0	0	2	2	0	0	0	0	0
0.11 -0.50	0	0	0	10	10	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1018	1018	0	0	0	0	0

TABLE 6 A (cont'd)

## WHOLE GRAINS FOR HUMAN USE

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.90	99.60	99.76	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	0.00	.09	.04	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	.19	.09	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.09	.04	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	.09	0.00	.04	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON

LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.90	99.60	99.76	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	99.90	99.70	99.81	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.90	99.90	99.90	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.90	99.99	99.95	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.90	99.99	99.95	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.90	99.99	99.95	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00

NUMBER OF SAMPLES FOR DIAZINON

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	1088	1014	2102	0	0	9	11	20
TRACE-0.03	0	0	0	1	1	0	0	0	0	0
0.04 -0.10	0	0	0	2	2	0	0	0	0	0
0.11 -0.50	0	0	0	1	1	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	1	0	1	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1089	1018	2107	0	0	9	11	20

TABLE 6 A (cont'd)

## WHOLE GRAINS FOR HUMAN USE

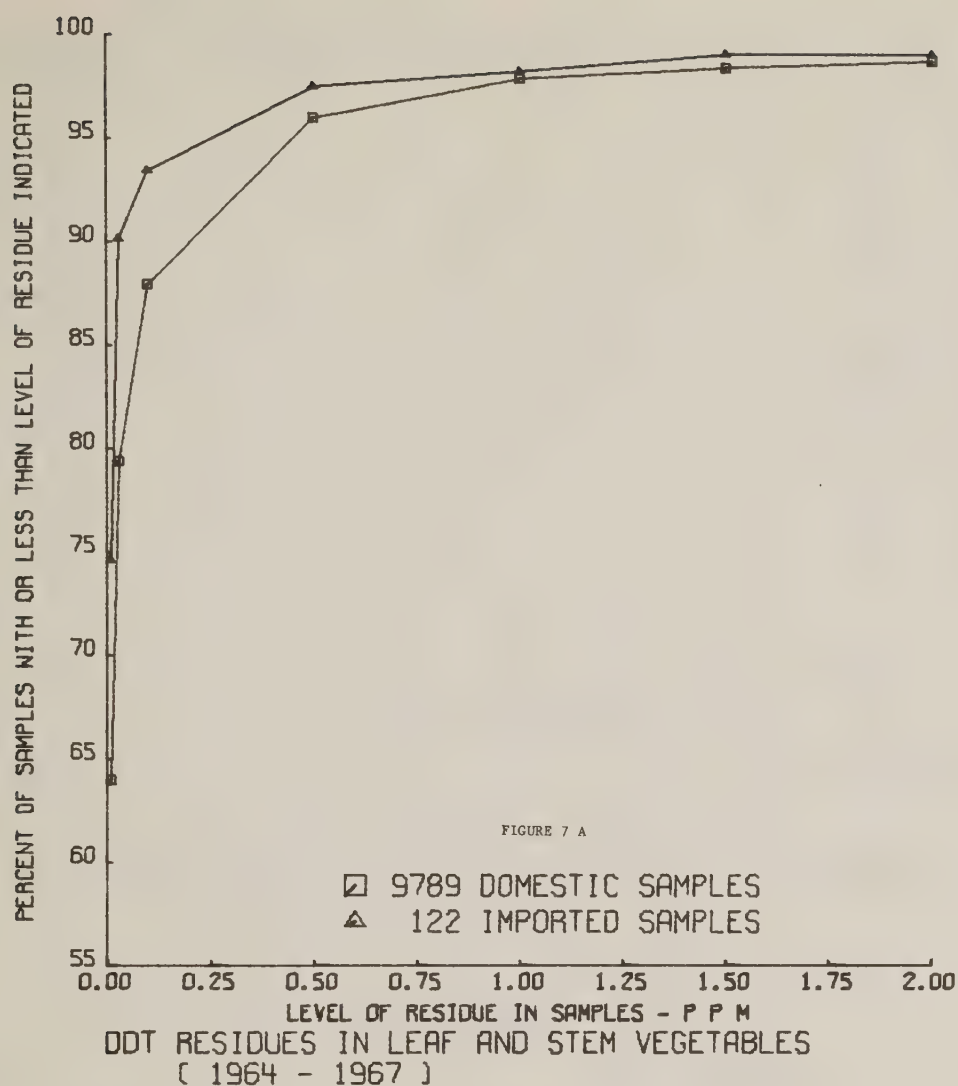
RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.90	99.21	99.57	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	0.00	.68	.33	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.09	.09	.09	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION

LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.90	99.21	99.57	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	99.90	99.90	99.90	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00

NUMBER OF SAMPLES FOR PARATHION

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	1088	1010	2098	0	0	9	11	20
TRACE-0.03	0	0	0	7	7	0	0	0	0	0
0.04 -0.10	0	0	1	1	2	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1089	1018	2107	0	0	9	11	20



LEAF AND STEM VEGETABLES

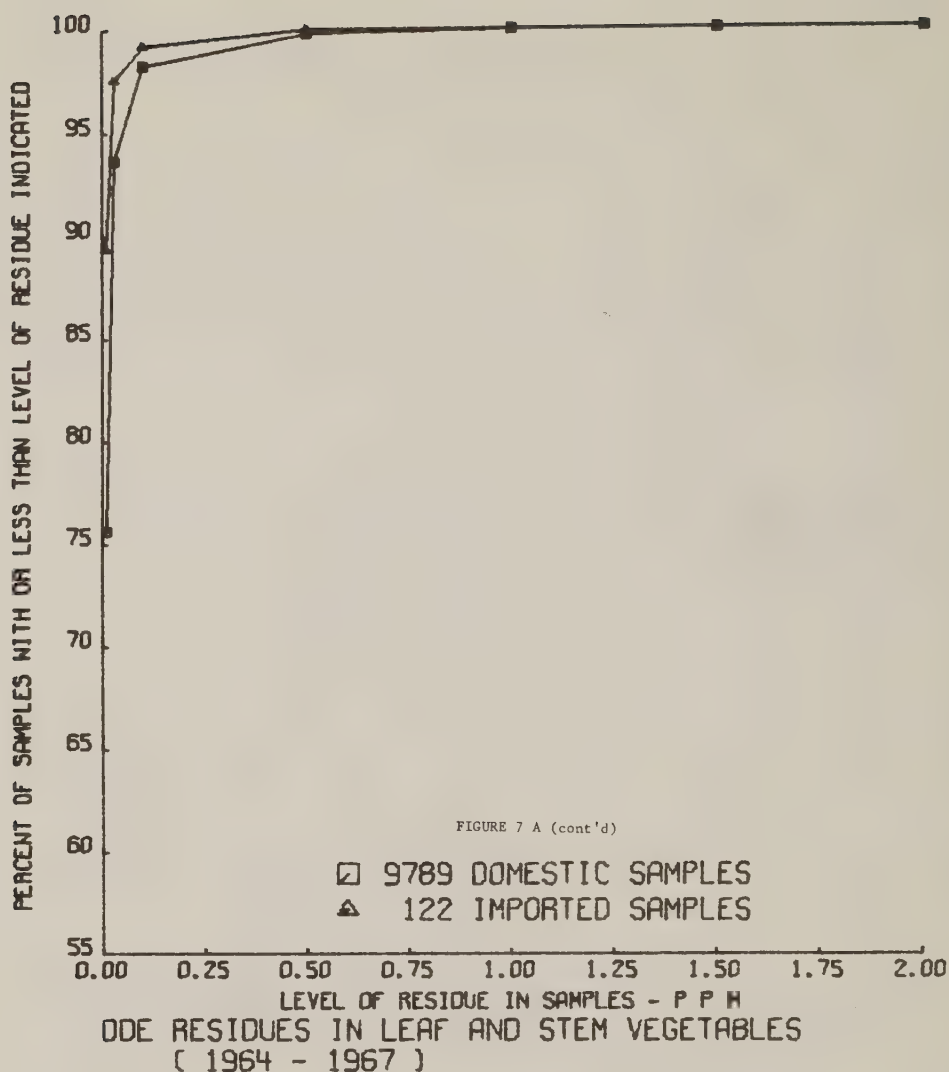
TABLE 7 A

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	69.66	64.91	64.67	59.23	63.97	90.90	72.09	40.00	70.00	74.59
TRACE-0.03	13.81	17.75	13.14	16.87	15.42	0.00	20.93	26.66	30.00	15.57
0.04 -0.10	6.60	7.59	9.30	9.75	8.54	4.54	2.32	6.66	0.00	3.27
0.11 -0.50	6.28	6.72	8.65	9.66	8.11	2.27	0.00	26.66	0.00	4.09
0.51 -1.00	1.56	1.25	2.04	2.49	1.94	0.00	2.32	0.00	0.00	.81
1.01 -1.50	.36	.49	.73	.54	.54	0.00	2.32	0.00	0.00	.81
1.51 -2.00	.59	.21	.20	.36	.34	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	1.10	1.03	1.22	1.08	1.11	2.27	0.00	0.00	0.00	.81
AVERAGE PPM	.13	.08	.18	.14	.14	.07	.05	.09	.01	.06

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	69.66	64.91	64.67	59.23	63.97	90.90	72.09	40.00	70.00	74.59
0.03	83.47	82.67	77.82	76.10	79.40	90.90	93.02	66.66	100.00	90.16
0.10	90.08	90.27	87.13	85.86	87.94	95.45	95.34	73.33	100.00	93.44
0.50	96.37	96.99	95.79	95.52	96.05	97.72	95.34	99.99	100.00	97.54
1.00	97.93	98.25	97.83	98.01	97.99	97.72	97.67	99.99	100.00	98.36
1.50	98.30	98.74	98.57	98.55	98.53	97.72	99.99	99.99	100.00	99.18
2.00	98.89	98.96	98.77	98.91	98.88	97.72	99.99	99.99	100.00	99.18

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1518	1188	1584	1973	6263	40	31	6	14	91
TRACE-0.03	301	325	322	562	1510	0	9	4	6	19
0.04 -0.10	144	139	228	325	836	2	1	1	0	4
0.11 -0.50	137	123	212	322	794	1	0	4	0	5
0.51 -1.00	34	23	50	83	190	0	1	0	0	1
1.01 -1.50	8	9	18	18	53	0	1	0	0	1
1.51 -2.00	13	4	5	12	34	0	0	0	0	0
ABOVE 2.00	24	19	30	36	109	1	0	0	0	1
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122





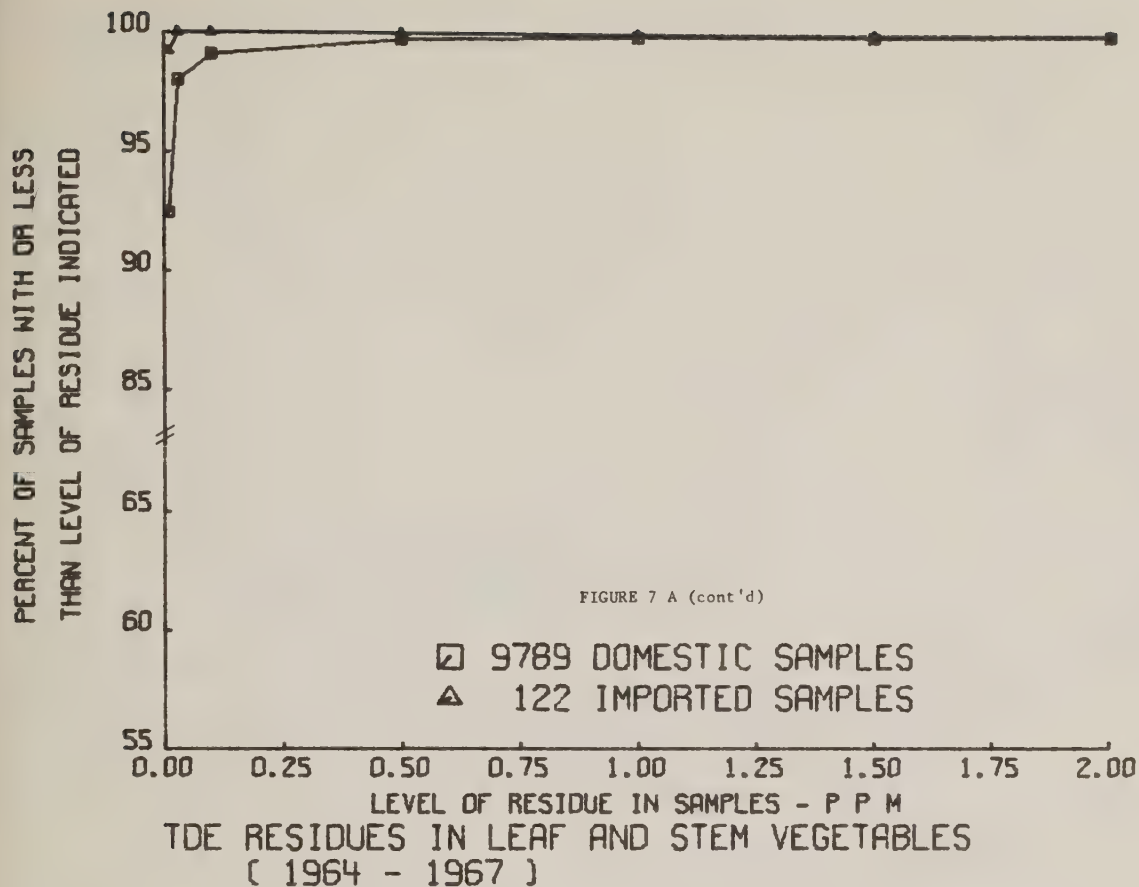
LEAF AND STEM VEGETABLES

TABLE 7 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	82.14	72.95	77.21	71.63	75.61	100.00	83.72	86.66	80.00	89.34
TRACE-0.03	13.17	21.42	15.31	21.28	18.01	0.00	13.95	0.00	20.00	8.19
0.04 -0.10	3.35	3.71	5.43	5.31	4.60	0.00	2.32	6.66	0.00	1.63
0.11 -0.50	1.28	1.63	1.79	1.59	1.58	0.00	0.00	6.66	0.00	.81
0.51 -1.00	.04	.27	.24	.15	.17	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	.03	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	.01	.01	.01	0.00	0.00	.02	0.00	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	82.14	72.95	77.21	71.63	75.61	100.00	83.72	86.66	80.00	89.34
0.03	95.31	94.37	92.52	92.91	93.62	100.00	97.67	86.66	100.00	97.54
0.10	98.66	98.08	97.95	98.22	98.23	100.00	99.99	93.33	100.00	99.18
0.50	99.95	99.72	99.75	99.81	99.81	100.00	99.99	99.99	100.00	99.99
1.00	99.99	99.99	99.99	99.96	99.98	100.00	99.99	99.99	100.00	99.99
1.50	99.99	99.99	99.99	99.96	99.98	100.00	99.99	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1790	1335	1891	2386	7402	44	36	13	16	109
TRACE-0.03	287	392	375	709	1763	0	6	0	4	10
0.04 -0.10	73	68	133	177	451	0	1	1	0	2
0.11 -0.50	28	30	44	53	155	0	0	1	0	1
0.51 -1.00	1	5	6	5	17	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	1	1	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122



LEAF AND STEM VEGETABLES

TABLE 7 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	92.65	88.96	91.71	94.71	92.43	100.00	100.00	93.33	100.00	99.18
TRACE-0.03	5.59	8.63	6.04	3.45	5.54	0.00	0.00	6.66	0.00	.81
0.04 -0.10	.82	1.31	1.42	.93	1.10	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.68	.81	.73	.51	.66	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.18	.16	.04	.18	.14	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.04	.05	.04	0.00	.03	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	.05	0.00	.03	.02	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	.18	.06	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	.01	.01	.01	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	92.65	88.96	91.71	94.71	92.43	100.00	100.00	93.33	100.00	99.18
0.03	98.25	97.59	97.75	98.16	97.97	100.00	100.00	99.99	100.00	99.99
0.10	99.08	98.90	99.18	99.09	99.08	100.00	100.00	99.99	100.00	99.99
0.50	99.77	99.72	99.91	99.60	99.74	100.00	100.00	99.99	100.00	99.99
1.00	99.95	99.89	99.95	99.78	99.88	100.00	100.00	99.99	100.00	99.99
1.50	99.99	99.94	99.99	99.78	99.91	100.00	100.00	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.81	99.93	100.00	100.00	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2019	1628	2246	3155	9048	44	43	14	20	121
TRACE-0.03	122	158	148	115	543	0	0	1	0	1
0.04 -0.10	18	24	35	31	108	0	0	0	0	0
0.11 -0.50	15	15	18	17	65	0	0	0	0	0
0.51 -1.00	4	3	1	6	14	0	0	0	0	0
1.01 -1.50	1	1	1	0	3	0	0	0	0	0
1.51 -2.00	0	1	0	1	2	0	0	0	0	0
ABOVE 2.00	0	0	0	6	6	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122

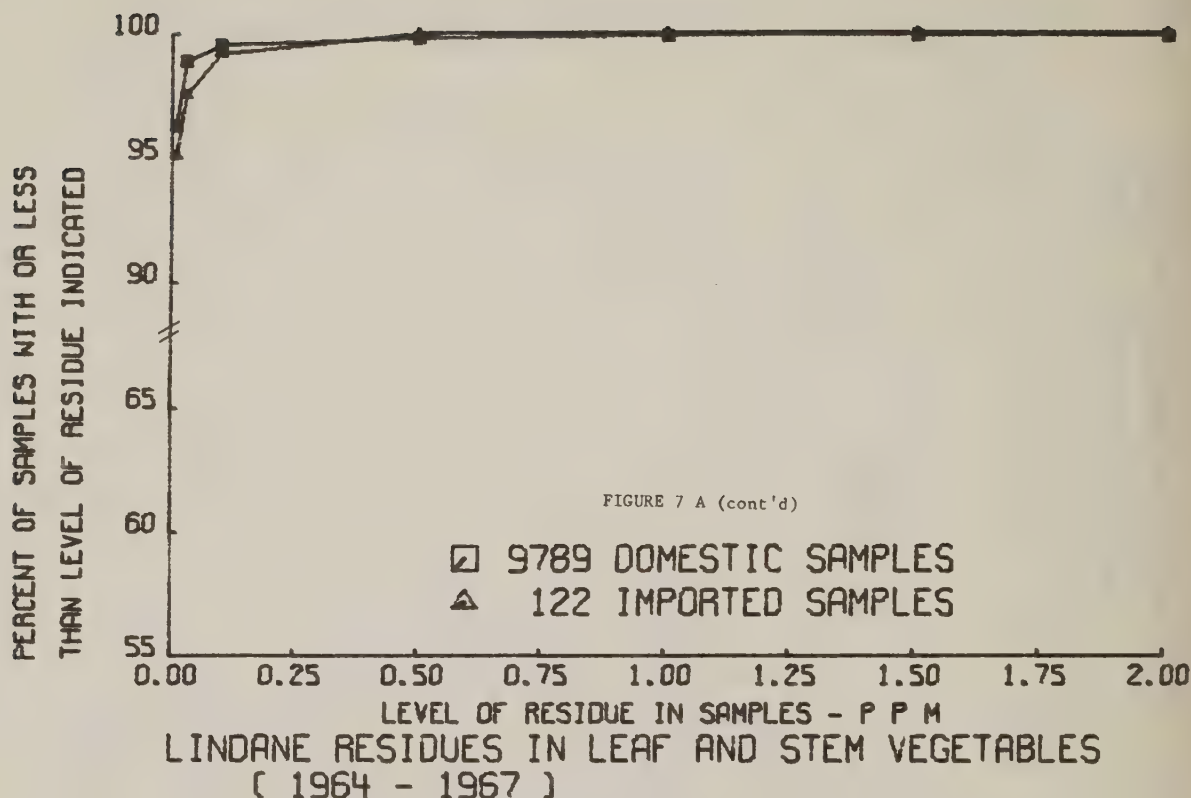


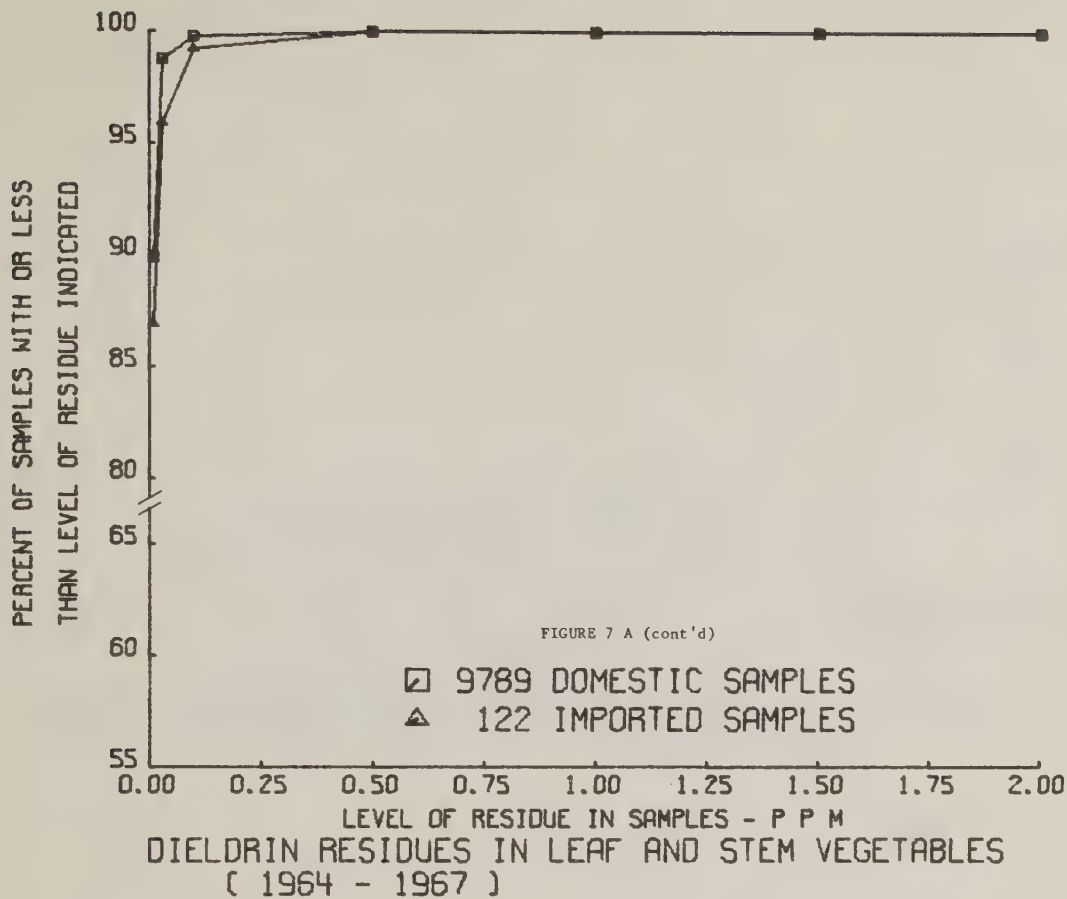
TABLE 7 A (cont'd)

LEAF AND STEM VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.37	95.73	96.44	96.45	96.30	93.18	93.02	100.00	100.00	95.08
TRACE-0.03	1.83	3.27	2.24	3.00	2.60	4.54	2.32	0.00	0.00	2.45
0.04 -0.10	.82	.65	.77	.39	.63	2.27	2.32	0.00	0.00	1.63
0.11 -0.50	.45	.16	.28	.09	.23	0.00	2.32	0.00	0.00	.81
0.51 -1.00	.22	.10	.20	.03	.13	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.04	0.00	.01	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.27	.05	0.00	.03	.08	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.02	0.00	0.00	0.00	.01	0.00	.01	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.37	95.73	96.44	96.45	96.30	93.18	93.02	100.00	100.00	95.08
0.03	98.21	99.01	98.69	99.45	98.90	97.72	95.34	100.00	100.00	97.54
0.10	99.03	99.67	99.46	99.84	99.54	99.99	97.67	100.00	100.00	99.18
0.50	99.49	99.83	99.75	99.93	99.77	99.99	99.99	100.00	100.00	99.99
1.00	99.72	99.94	99.95	99.96	99.90	99.99	99.99	100.00	100.00	99.99
1.50	99.72	99.94	99.99	99.96	99.91	99.99	99.99	100.00	100.00	99.99
2.00	99.72	99.94	99.99	99.96	99.91	99.99	99.99	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2100	1752	2362	3213	9427	41	40	15	20	116
TRACE-0.03	40	60	55	100	255	2	1	0	0	3
0.04 -0.10	18	12	19	13	62	1	1	0	0	2
0.11 -0.50	10	3	7	3	23	0	1	0	0	1
0.51 -1.00	5	2	5	1	13	0	0	0	0	0
1.01 -1.50	0	0	1	0	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	6	1	0	1	8	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122



LEAF AND STEM VEGETABLES

TABLE 7 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	90.22	88.52	89.99	90.36	89.89	100.00	79.06	80.00	80.00	86.88
TRACE-0.03	8.16	10.92	8.69	8.25	8.84	0.00	16.27	6.66	15.00	9.01
0.04 -0.10	1.33	.38	1.02	1.11	1.00	0.00	2.32	13.33	5.00	3.27
0.11 -0.50	.27	.16	.24	.27	.24	0.00	2.32	0.00	0.00	.81
0.51 -1.00	0.00	0.00	.04	0.00	.01	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01	.01	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	90.22	88.52	89.99	90.36	89.89	100.00	79.06	80.00	80.00	86.88
0.03	98.39	99.45	98.69	98.61	98.74	100.00	95.34	86.66	95.00	95.90
0.10	99.72	99.83	99.71	99.72	99.74	100.00	97.67	99.99	100.00	99.18
0.50	99.99	99.99	99.95	99.99	99.98	100.00	99.99	99.99	100.00	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1966	1620	2204	3010	8800	44	34	12	16	106
TRACE-0.03	178	200	213	275	866	0	7	1	3	11
0.04 -0.10	29	7	25	37	98	0	1	2	1	4
0.11 -0.50	6	3	6	9	24	0	1	0	0	1
0.51 -1.00	0	0	1	0	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122

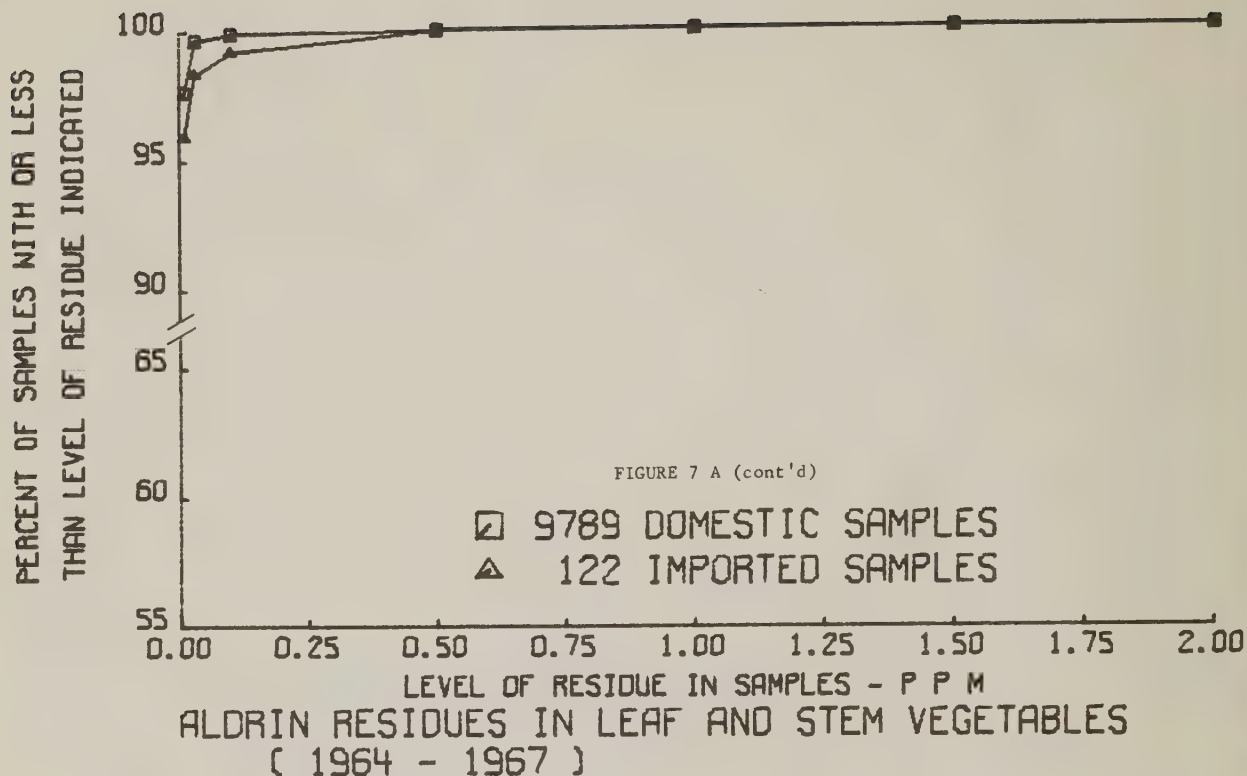


TABLE 7 A (cont'd)  
 LEAF AND STEM VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.79	98.63	98.61	96.27	97.64	97.72	95.34	93.33	95.00	95.90
TRACE-0.03	2.01	1.14	1.10	3.15	2.01	0.00	4.65	0.00	5.00	2.45
0.04 -0.10	.09	.21	.24	.39	.25	2.27	0.00	0.00	0.00	.81
0.11 -0.50	.09	0.00	.04	.18	.09	0.00	0.00	6.66	0.00	.81
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.79	98.63	98.61	96.27	97.64	97.72	95.34	93.33	95.00	95.90
0.03	99.81	99.78	99.71	99.42	99.65	97.72	99.99	93.33	100.00	98.36
0.10	99.90	99.99	99.95	99.81	99.90	99.99	99.99	93.33	100.00	99.18
0.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2131	1805	2415	3207	9558	43	41	14	19	117
TRACE-0.03	44	21	27	105	197	0	2	0	1	3
0.04 -0.10	2	4	6	13	25	1	0	0	0	1
0.11 -0.50	2	0	1	6	9	0	0	1	0	1
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122



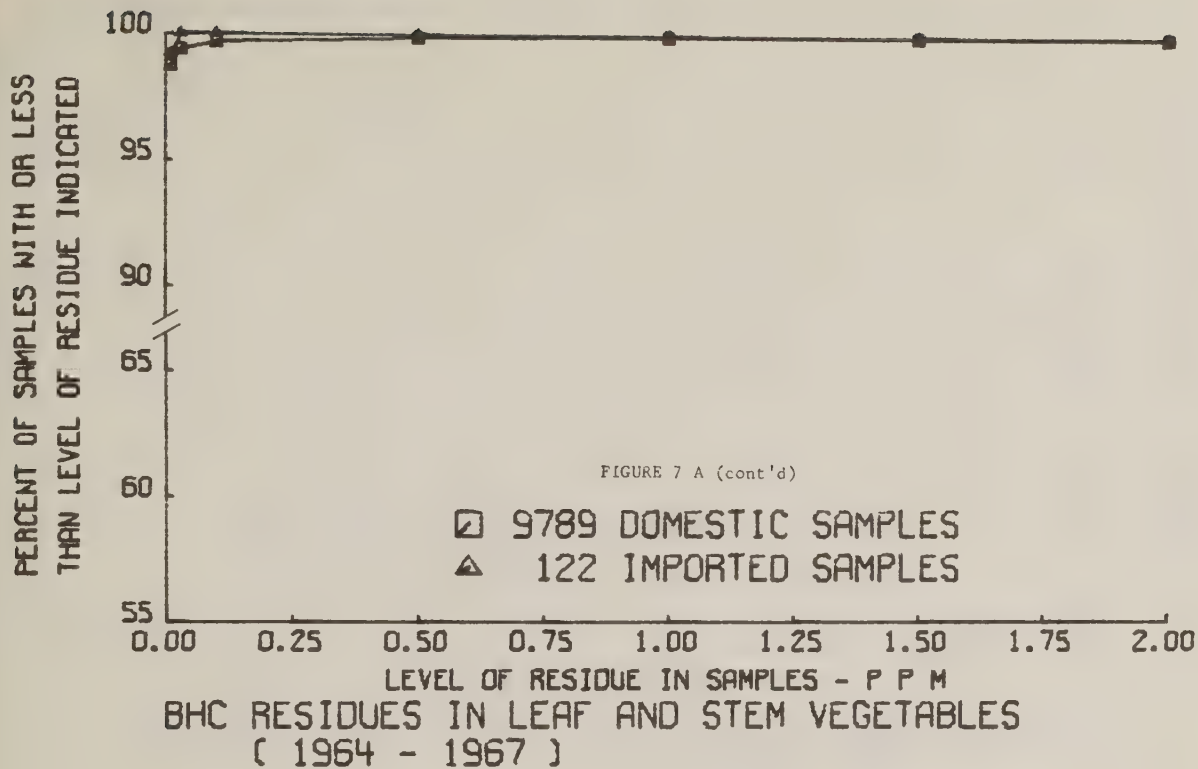


TABLE 7 A (cont'd)

LEAF AND STEM VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.07	99.07	99.02	98.79	98.74	97.72	100.00	100.00	100.00	99.18
TRACE-0.03	.68	.49	.44	.81	.63	2.27	0.00	0.00	0.00	.81
0.04 -0.10	.55	.32	.24	.18	.30	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.45	.10	.20	.15	.22	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.13	0.00	.04	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.04	0.00	.01	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.04	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.04	0.00	0.00	.06	.03	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.07	99.07	99.02	98.79	98.74	97.72	100.00	100.00	100.00	99.18
0.03	98.76	99.56	99.46	99.60	99.37	99.99	100.00	100.00	100.00	99.99
0.10	99.31	99.89	99.71	99.78	99.68	99.99	100.00	100.00	100.00	99.99
0.50	99.77	99.99	99.91	99.93	99.90	99.99	100.00	100.00	100.00	99.99
1.00	99.90	99.99	99.95	99.93	99.94	99.99	100.00	100.00	100.00	99.99
1.50	99.90	99.99	99.99	99.93	99.95	99.99	100.00	100.00	100.00	99.99
2.00	99.95	99.99	99.99	99.93	99.96	99.99	100.00	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2137	1813	2425	3291	9666	43	43	15	20	121
TRACE-0.03	15	9	11	27	62	1	0	0	0	1
0.04 -0.10	12	6	6	6	30	0	0	0	0	0
0.11 -0.50	10	2	5	5	22	0	0	0	0	0
0.51 -1.00	3	0	1	0	4	0	0	0	0	0
1.01 -1.50	0	0	1	0	1	0	0	0	0	0
1.51 -2.00	1	0	0	0	1	0	0	0	0	0
ABOVE 2.00	1	0	0	2	3	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122

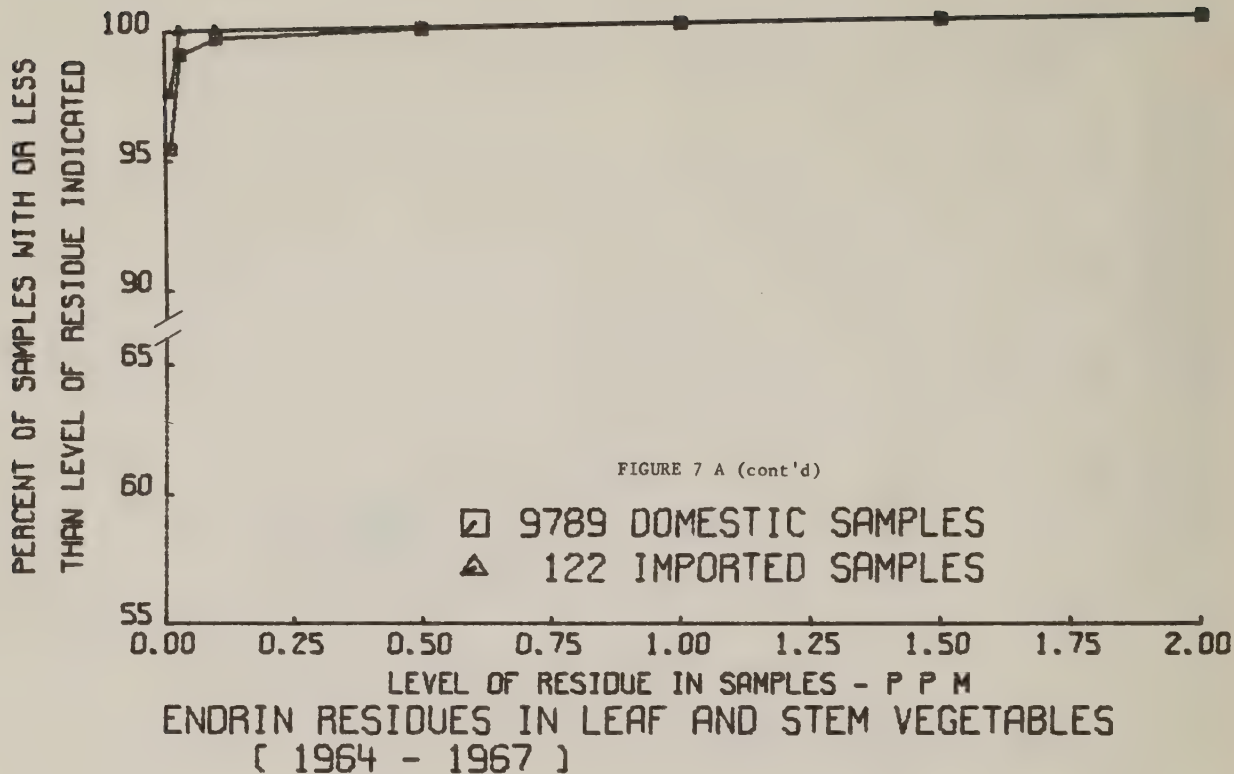


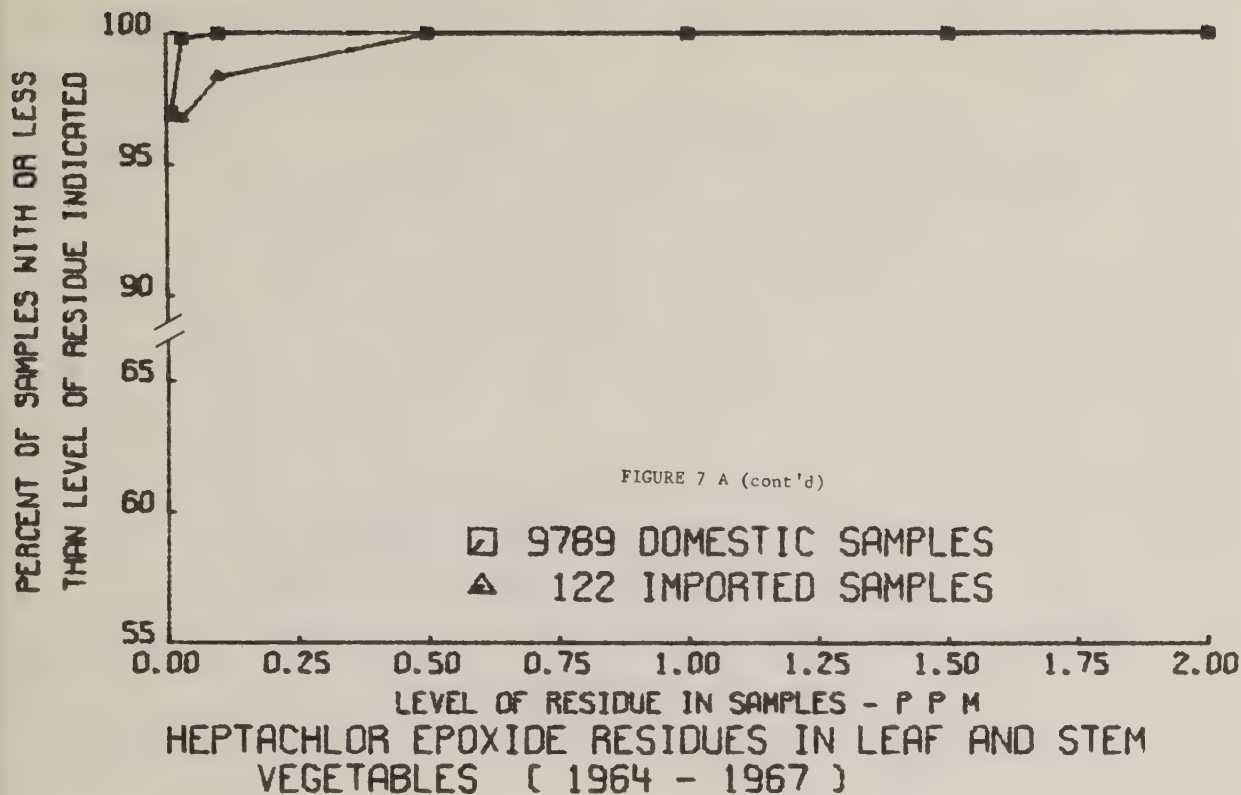
TABLE 7 A (cont'd)

LEAF AND STEM VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	90.08	96.77	97.38	96.78	95.44	100.00	93.02	100.00	100.00	97.54
TRACE-0.03	7.84	2.45	1.91	2.76	3.62	0.00	6.97	0.00	0.00	2.45
0.04 -0.10	1.14	.60	.61	.30	.62	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.87	.16	.04	.09	.26	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.04	.03	.02	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.04	0.00	0.00	.03	.02	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	90.08	96.77	97.38	96.78	95.44	100.00	93.02	100.00	100.00	97.54
0.03	97.93	99.23	99.30	99.54	99.07	100.00	99.99	100.00	100.00	99.99
0.10	99.08	99.83	99.91	99.84	99.69	100.00	99.99	100.00	100.00	99.99
0.50	99.95	99.99	99.95	99.93	99.95	100.00	99.99	100.00	100.00	99.99
1.00	99.95	99.99	99.99	99.96	99.97	100.00	99.99	100.00	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	100.00	99.99

NUMBER OF SAMPLES FOR ENDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1963	1771	2385	3224	9343	44	40	15	20	119
TRACE-0.03	171	45	47	92	355	0	3	0	0	3
0.04 -0.10	25	11	15	10	61	0	0	0	0	0
0.11 -0.50	19	3	1	3	26	0	0	0	0	0
0.51 -1.00	0	0	1	1	2	0	0	0	0	0
1.01 -1.50	1	0	0	1	2	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122



LEAF AND STEM VEGETABLES

TABLE 7 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.85	97.70	98.65	94.20	97.00	100.00	95.34	93.33	95.00	96.72
TRACE-0.03	1.00	2.29	.89	5.55	2.76	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.13	0.00	.44	.21	.21	0.00	0.00	6.66	5.00	1.63
0.11 -0.50	0.00	0.00	0.00	.03	.01	0.00	4.65	0.00	0.00	1.63
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.85	97.70	98.65	94.20	97.00	100.00	95.34	93.33	95.00	96.72
0.03	99.86	99.99	99.55	99.75	99.77	100.00	95.34	93.33	95.00	96.72
0.10	99.99	99.99	99.99	99.96	99.98	100.00	95.34	99.99	100.00	98.36
0.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	100.00	99.99

NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2154	1788	2416	3138	9496	44	41	14	19	118
TRACE-0.03	22	42	22	185	271	0	0	0	0	0
0.04 -0.10	3	0	11	7	21	0	0	1	1	2
0.11 -0.50	0	0	0	1	1	0	2	0	0	2
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122

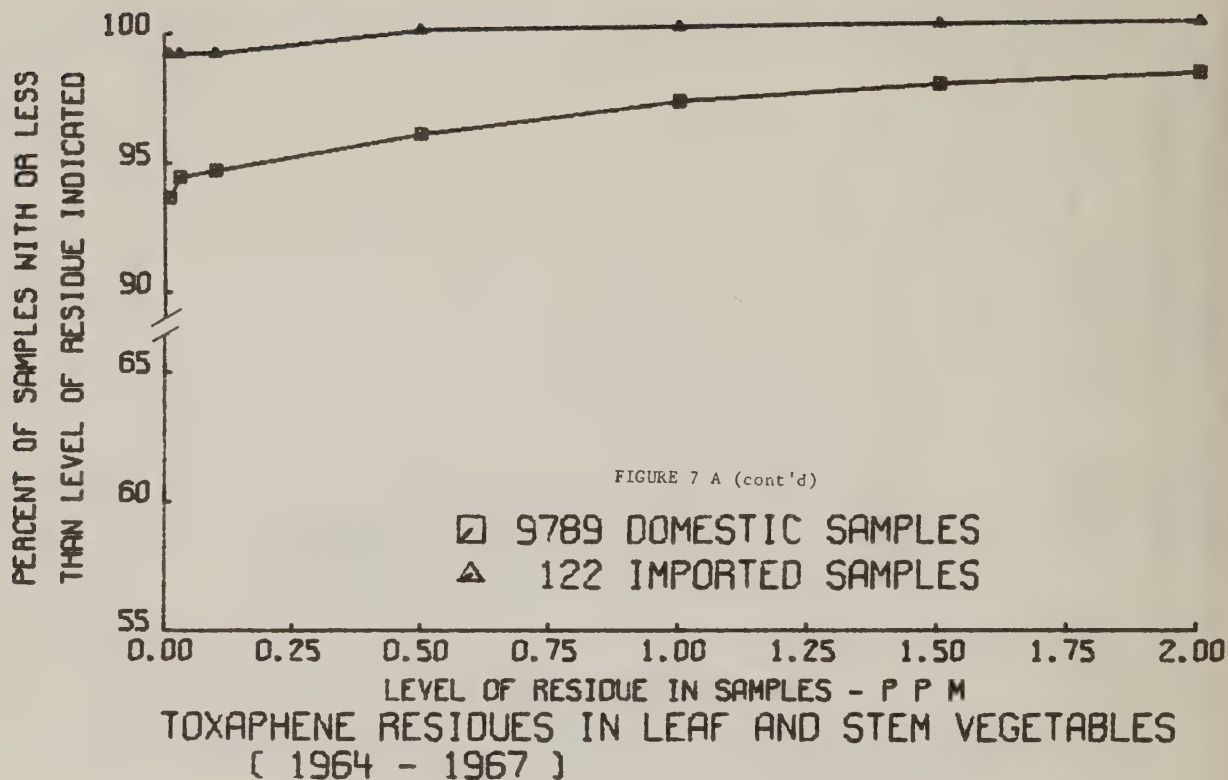


TABLE 7 A (cont'd)  
LEAF AND STEM VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	92.24	93.55	95.99	92.85	93.63	100.00	100.00	93.33	100.00	99.18
TRACE-0.03	.96	.60	.44	1.14	.82	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.27	.27	.24	.21	.24	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	1.05	.92	1.22	1.62	1.26	0.00	0.00	6.66	0.00	.81
0.51 -1.00	1.51	1.42	.69	1.17	1.17	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.73	.87	.28	.45	.55	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.45	.32	.28	.33	.34	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	2.75	2.02	.81	2.22	1.95	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.29	.19	.06	.17	.18	0.00	0.00	.02	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	92.24	93.55	95.99	92.85	93.63	100.00	100.00	93.33	100.00	99.18
0.03	93.20	94.15	96.44	93.99	94.46	100.00	100.00	93.33	100.00	99.18
0.10	93.48	94.42	96.69	94.20	94.70	100.00	100.00	93.33	100.00	99.18
0.50	94.53	95.35	97.91	95.82	95.97	100.00	100.00	99.99	100.00	99.99
1.00	96.05	96.77	98.61	96.99	97.14	100.00	100.00	99.99	100.00	99.99
1.50	96.78	97.65	98.89	97.44	97.70	100.00	100.00	99.99	100.00	99.99
2.00	97.24	97.97	99.18	97.77	98.04	100.00	100.00	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2010	1712	2351	3093	9166	44	43	14	20	121
TRACE-0.03	21	11	11	38	81	0	0	0	0	0
0.04 -0.10	6	5	6	7	24	0	0	0	0	0
0.11 -0.50	23	17	30	54	124	0	0	1	0	1
0.51 -1.00	33	26	17	39	115	0	0	0	0	0
1.01 -1.50	16	16	7	15	54	0	0	0	0	0
1.51 -2.00	10	6	7	11	34	0	0	0	0	0
ABOVE 2.00	60	37	20	74	191	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

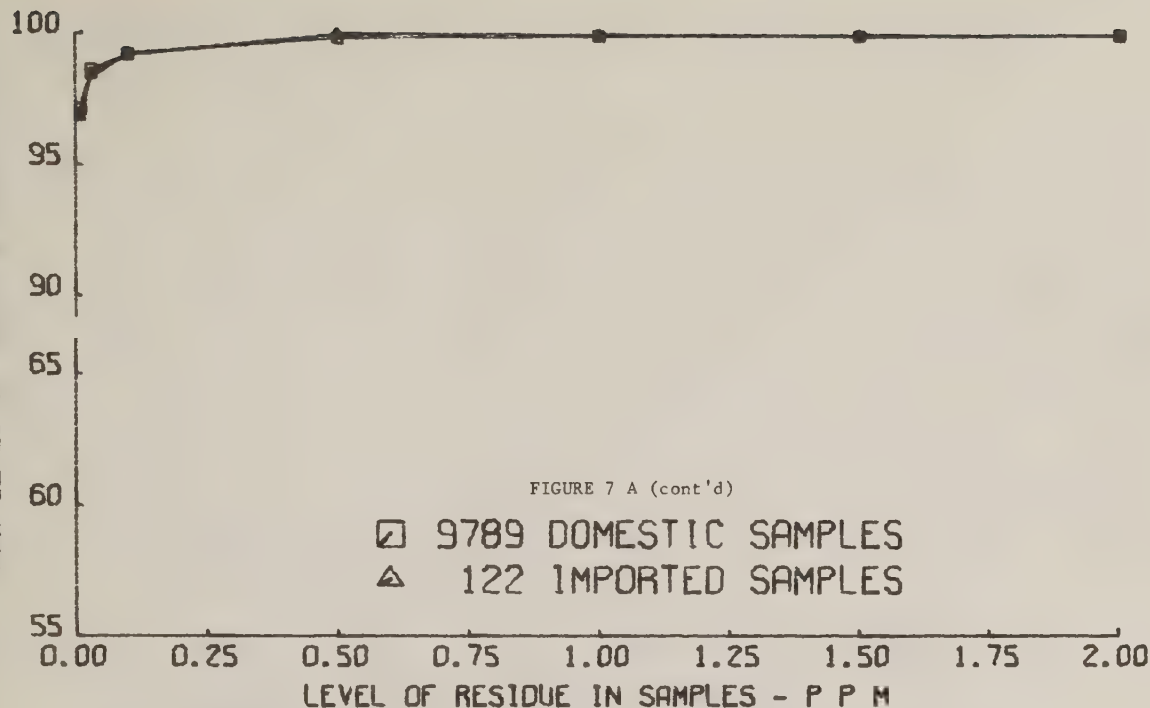


FIGURE 7 A (cont'd)

□ 9789 DOMESTIC SAMPLES  
△ 122 IMPORTED SAMPLES

LEVEL OF RESIDUE IN SAMPLES - P P M  
THIODAN RESIDUES IN LEAF AND STEM VEGETABLES  
( 1964 - 1967 )

TABLE 7 A (cont'd)

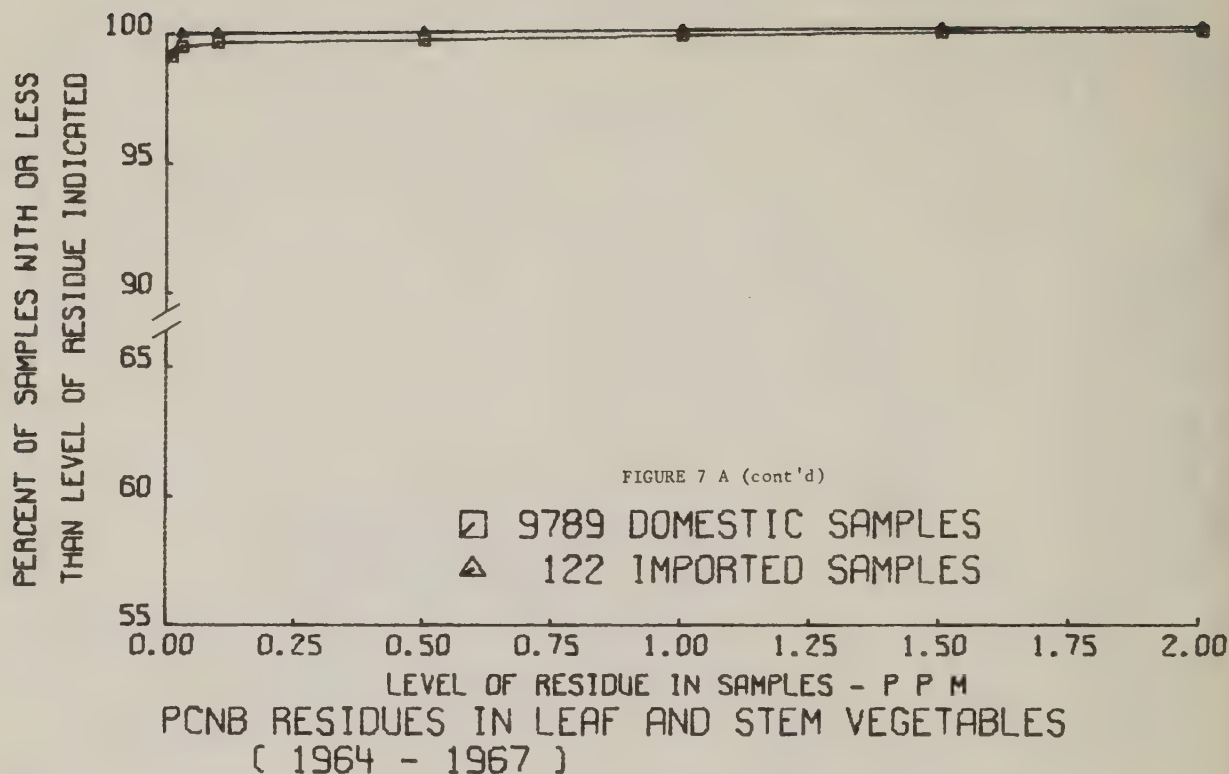
LEAF AND STEM VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.21	98.14	97.26	94.95	97.07	95.45	97.67	93.33	100.00	96.72
TRACE-0.03	.27	1.53	1.38	2.37	1.50	2.27	2.32	0.00	0.00	1.63
0.04 -0.10	.22	.16	.69	1.05	.61	2.27	0.00	0.00	0.00	.81
0.11 -0.50	.22	.16	.48	1.29	.64	0.00	0.00	6.66	0.00	.81
0.51 -1.00	.04	0.00	.12	.15	.09	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	.06	.02	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	.04	.06	.03	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	.06	.02	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	.01	.01	0.00	0.00	.02	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR THIODAN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.21	98.14	97.26	94.95	97.07	95.45	97.67	93.33	100.00	96.72
0.03	99.49	99.67	98.65	97.32	98.58	97.72	99.99	93.33	100.00	98.36
0.10	99.72	99.83	99.34	98.37	99.19	99.99	99.99	93.33	100.00	99.18
0.50	99.95	99.99	99.83	99.66	99.83	99.99	99.99	99.99	100.00	99.99
1.00	99.99	99.99	99.95	99.81	99.92	99.99	99.99	99.99	100.00	99.99
1.50	99.99	99.99	99.95	99.87	99.94	99.99	99.99	99.99	100.00	99.99
2.00	99.99	99.99	99.99	99.93	99.97	99.99	99.99	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR THIODAN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2162	1796	2382	3163	9503	42	42	14	20	118
TRACE-0.03	6	28	34	79	147	1	1	0	0	2
0.04 -0.10	5	3	17	35	60	1	0	0	0	1
0.11 -0.50	5	3	12	43	63	0	0	1	0	1
0.51 -1.00	1	0	3	5	9	0	0	0	0	0
1.01 -1.50	0	0	0	2	2	0	0	0	0	0
1.51 -2.00	0	0	1	2	3	0	0	0	0	0
ABOVE 2.00	0	0	0	2	2	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122





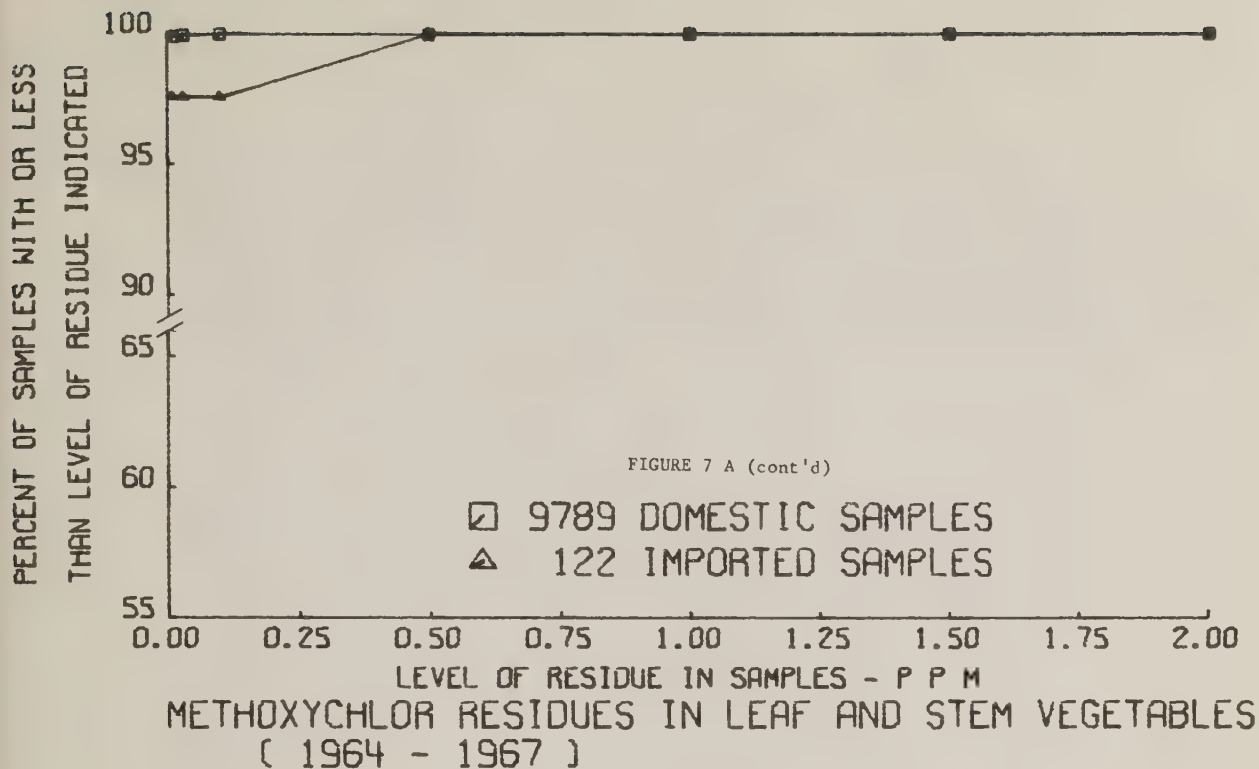
LEAF AND STEM VEGETABLES

TABLE 7 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.72	98.46	98.28	99.60	99.09	100.00	100.00	93.33	100.00	99.18
TRACE-0.03	0.00	1.09	.61	.21	.42	0.00	0.00	6.66	0.00	.81
0.04 -0.10	0.00	.10	.28	.06	.11	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.04	.05	.20	.03	.08	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.09	.05	.28	0.00	.10	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.04	0.00	.12	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.09	.21	.20	.09	.14	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.03	.01	.01	.01	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR PCNB									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.72	98.46	98.28	99.60	99.09	100.00	100.00	93.33	100.00	99.18
0.03	99.72	99.56	98.89	99.81	99.51	100.00	100.00	99.99	100.00	99.99
0.10	99.72	99.67	99.18	99.87	99.63	100.00	100.00	99.99	100.00	99.99
0.50	99.77	99.72	99.38	99.90	99.71	100.00	100.00	99.99	100.00	99.99
1.00	99.86	99.78	99.67	99.90	99.81	100.00	100.00	99.99	100.00	99.99
1.50	99.90	99.78	99.79	99.90	99.85	100.00	100.00	99.99	100.00	99.99
2.00	99.90	99.78	99.79	99.90	99.85	100.00	100.00	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR PCNB									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2173	1802	2407	3318	9700	44	43	14	20	121
TRACE-0.03	0	20	15	7	42	0	0	1	0	1
0.04 -0.10	0	2	7	2	11	0	0	0	0	0
0.11 -0.50	1	1	5	1	8	0	0	0	0	0
0.51 -1.00	2	1	7	0	10	0	0	0	0	0
1.01 -1.50	1	0	3	0	4	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	2	4	5	3	14	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122



LEAF AND STEM VEGETABLES

TABLE 7 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR METHOXYCHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.90	99.72	99.75	99.96	99.85	100.00	93.02	100.00	100.00	97.54
TRACE-0.03	0.00	.10	.12	.03	.06	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	.05	.08	0.00	.03	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	6.97	0.00	0.00	2.45
0.51 -1.00	.04	.05	.04	0.00	.03	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.04	.05	0.00	0.00	.02	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	.02	0.00	0.00	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR METHOXYCHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.90	99.72	99.75	99.96	99.85	100.00	93.02	100.00	100.00	97.54
0.03	99.90	99.83	99.87	99.99	99.91	100.00	93.02	100.00	100.00	97.54
0.10	99.90	99.89	99.95	99.99	99.94	100.00	93.02	100.00	100.00	97.54
0.50	99.90	99.89	99.95	99.99	99.94	100.00	99.99	100.00	100.00	99.99
1.00	99.95	99.94	99.99	99.99	99.97	100.00	99.99	100.00	100.00	99.99
1.50	99.95	99.94	99.99	99.99	99.97	100.00	99.99	100.00	100.00	99.99
2.00	99.95	99.94	99.99	99.99	99.97	100.00	99.99	100.00	100.00	99.99

NUMBER OF SAMPLES FOR METHOXYCHLOR										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2177	1825	2443	3330	9775	44	40	15	20	119
TRACE-0.03	0	2	3	1	6	0	0	0	0	0
0.04 -0.10	0	1	2	0	3	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	3	0	0	3
0.51 -1.00	1	1	1	0	3	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	1	1	0	0	2	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122

TABLE 7 A (cont'd)

## LEAF AND STEM VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DACTHAL									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	100.00	99.26	98.94	99.45	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	.32	.81	.35	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.12	.09	.06	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	.24	.12	.10	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.04	.03	.02	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DACTHAL									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	100.00	99.26	98.94	99.45	100.00	100.00	100.00	100.00	100.00
0.03	100.00	100.00	99.59	99.75	99.81	100.00	100.00	100.00	100.00	100.00
0.10	100.00	100.00	99.71	99.84	99.87	100.00	100.00	100.00	100.00	100.00
0.50	100.00	100.00	99.95	99.96	99.97	100.00	100.00	100.00	100.00	100.00
1.00	100.00	100.00	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.50	100.00	100.00	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
2.00	100.00	100.00	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR DACTHAL									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2179	1830	2431	3296	9736	44	43	15	20	122
TRACE-0.03	0	0	8	27	35	0	0	0	0	0
0.04 -0.10	0	0	3	3	6	0	0	0	0	0
0.11 -0.50	0	0	6	4	10	0	0	0	0	0
0.51 -1.00	0	0	1	1	2	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122

TABLE 7 A (cont'd)

## LEAF AND STEM VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR MITOX									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.95	99.12	99.91	100.00	99.80	100.00	95.34	100.00	100.00	98.36
TRACE-0.03	.04	.43	0.00	0.00	.09	0.00	2.32	0.00	0.00	.81
0.04 -0.10	0.00	.32	.08	0.00	.08	0.00	2.32	0.00	0.00	.81
0.11 -0.50	0.00	.10	0.00	0.00	.02	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR MITOX									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.95	99.12	99.91	100.00	99.80	100.00	95.34	100.00	100.00	98.36
0.03	99.99	99.56	99.91	100.00	99.89	100.00	97.67	100.00	100.00	99.18
0.10	99.99	99.89	99.99	100.00	99.97	100.00	99.99	100.00	100.00	99.99
0.50	99.99	99.99	99.99	100.00	99.99	100.00	99.99	100.00	100.00	99.99
1.00	99.99	99.99	99.99	100.00	99.99	100.00	99.99	100.00	100.00	99.99
1.50	99.99	99.99	99.99	100.00	99.99	100.00	99.99	100.00	100.00	99.99
2.00	99.99	99.99	99.99	100.00	99.99	100.00	99.99	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR MITOX									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2178	1814	2447	3331	9770	44	41	15	20	120
TRACE-0.03	1	8	0	0	9	0	1	0	0	1
0.04 -0.10	0	6	2	0	8	0	1	0	0	1
0.11 -0.50	0	2	0	0	2	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2179	1830	2449	3331	9789	44	43	15	20	122

## LEAF AND STEM VEGETABLES

TABLE 7 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	96.12	82.28	88.14	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	.73	6.66	4.15	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.89	3.66	2.49	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	1.95	5.40	3.94	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.16	1.20	.76	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.04	.45	.27	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	.04	.09	.06	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	.04	.24	.15	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	.01	.05	.03	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	96.12	82.28	88.14	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	96.85	88.95	92.30	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	97.75	92.61	94.79	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.71	98.01	98.73	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.87	99.21	99.49	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.91	99.66	99.77	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.95	99.75	99.84	0.00	0.00	100.00	100.00	100.00

NUMBER OF SAMPLES FOR PARATHION										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	2354	2741	5095	0	0	15	20	35
TRACE-0.03	0	0	18	222	240	0	0	0	0	0
0.04 -0.10	0	0	22	122	144	0	0	0	0	0
0.11 -0.50	0	0	48	180	228	0	0	0	0	0
0.51 -1.00	0	0	4	40	44	0	0	0	0	0
1.01 -1.50	0	0	1	15	16	0	0	0	0	0
1.51 -2.00	0	0	1	3	4	0	0	0	0	0
ABOVE 2.00	0	0	1	8	9	0	0	0	0	0
TOTAL	0	0	2449	3331	5780	0	0	15	20	35

## LEAF AND STEM VEGETABLES

TABLE 7 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.38	90.39	94.20	0.00	0.00	100.00	85.00	91.42
TRACE-0.03	0.00	0.00	.12	5.70	3.33	0.00	0.00	0.00	10.00	5.71
0.04 -0.10	0.00	0.00	0.00	1.59	.91	0.00	0.00	0.00	5.00	2.85
0.11 -0.50	0.00	0.00	.24	1.74	1.10	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.12	.30	.22	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.04	.09	.06	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	.03	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	.08	.15	.12	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	.02	.01	0.00	0.00	0.00	.01	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.38	90.39	94.20	0.00	0.00	100.00	85.00	91.42
0.03	0.00	0.00	99.51	96.09	97.54	0.00	0.00	100.00	95.00	97.14
0.10	0.00	0.00	99.51	97.68	98.46	0.00	0.00	100.00	100.00	99.99
0.50	0.00	0.00	99.75	99.42	99.56	0.00	0.00	100.00	100.00	99.99
1.00	0.00	0.00	99.87	99.72	99.79	0.00	0.00	100.00	100.00	99.99
1.50	0.00	0.00	99.91	99.81	99.86	0.00	0.00	100.00	100.00	99.99
2.00	0.00	0.00	99.91	99.84	99.87	0.00	0.00	100.00	100.00	99.99

NUMBER OF SAMPLES FOR DIAZINON										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	2434	3011	5445	0	0	15	17	32
TRACE-0.03	0	0	3	190	193	0	0	0	2	2
0.04 -0.10	0	0	0	53	53	0	0	0	1	1
0.11 -0.50	0	0	6	58	64	0	0	0	0	0
0.51 -1.00	0	0	3	10	13	0	0	0	0	0
1.01 -1.50	0	0	1	3	4	0	0	0	0	0
1.51 -2.00	0	0	0	1	1	0	0	0	0	0
ABOVE 2.00	0	0	2	5	7	0	0	0	0	0
TOTAL	0	0	2449	3331	5780	0	0	15	20	35

## LEAF AND STEM VEGETABLES

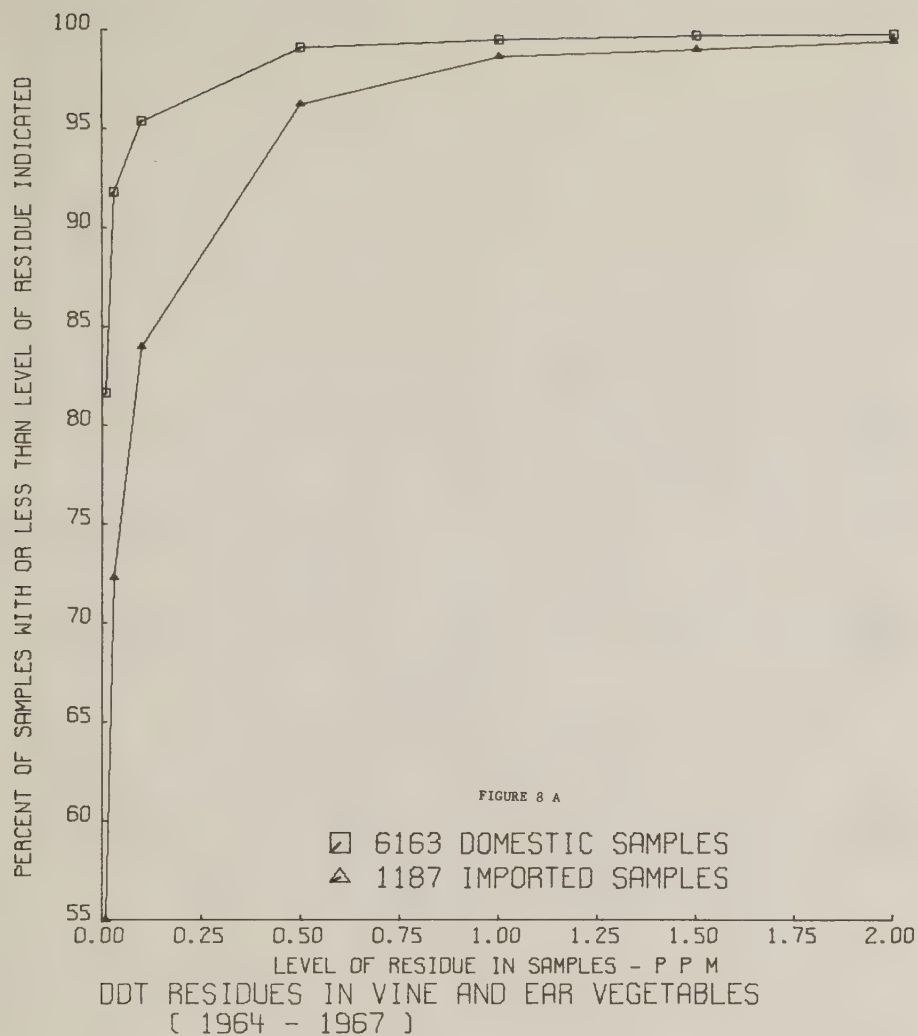
TABLE 7 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR METACIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	98.77	93.42	95.69	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	.44	1.95	1.31	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.48	1.32	.96	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	.28	2.79	1.73	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	.39	.22	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	.12	.06	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	.01	.01	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR METACIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	98.77	93.42	95.69	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	99.22	95.37	97.00	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.71	96.69	97.97	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.99	99.48	99.70	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.99	99.87	99.93	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR METACIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	2419	3112	5531	0	0	15	20	35
TRACE-0.03	0	0	11	65	76	0	0	0	0	0
0.04 -0.10	0	0	12	44	56	0	0	0	0	0
0.11 -0.50	0	0	7	93	100	0	0	0	0	0
0.51 -1.00	0	0	0	13	13	0	0	0	0	0
1.01 -1.50	0	0	0	4	4	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	2449	3331	5780	0	0	15	20	35





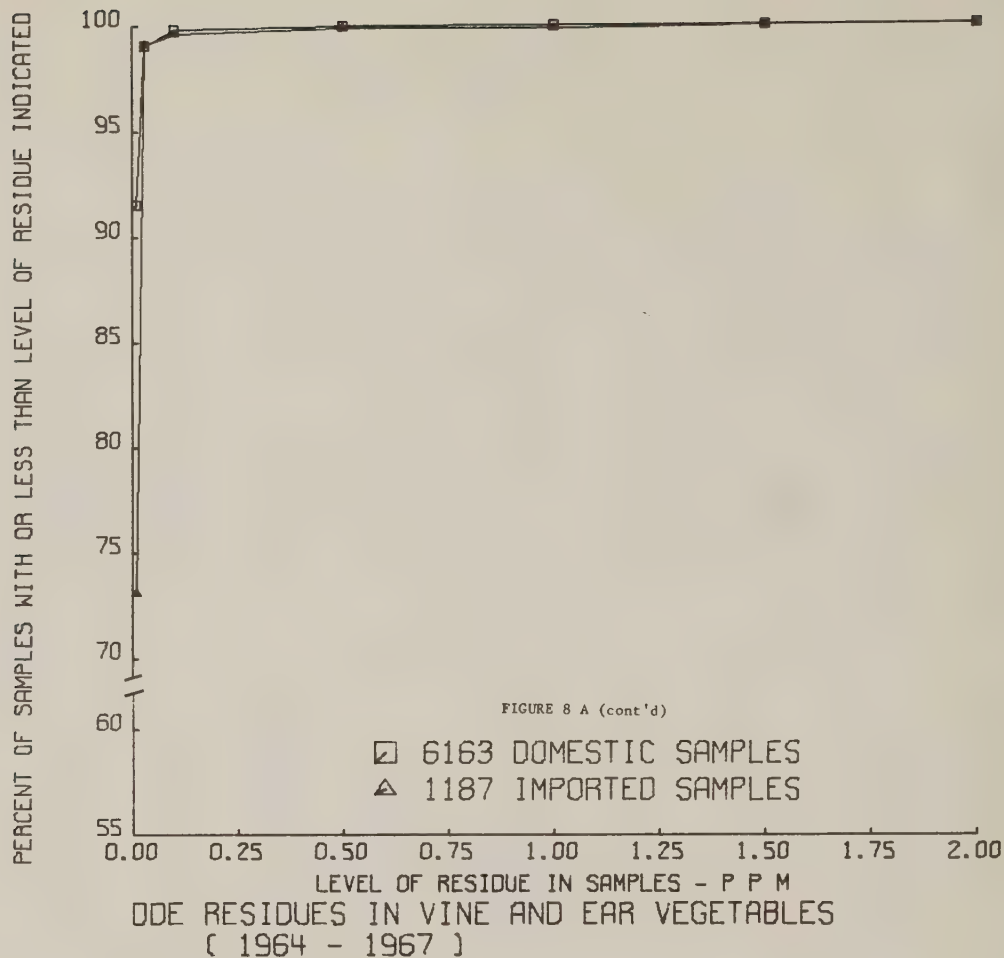
VINE AND EAR VEGETABLES

TABLE 8 A

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	83.91	85.79	83.84	76.27	81.66	82.22	74.50	37.42	48.59	49.03
TRACE-0.03	8.42	8.87	8.65	13.07	10.14	8.88	10.78	29.14	23.24	23.25
0.04 -0.10	3.10	2.11	3.98	4.58	3.60	6.66	4.90	13.19	12.32	11.71
0.11 -0.50	3.41	2.36	3.29	5.01	3.73	2.22	6.85	15.95	12.04	12.29
0.51 -1.00	.69	.16	.22	.62	.47	0.00	1.96	2.45	2.66	2.44
1.01 -1.50	.18	.33	0.00	.33	.22	0.00	0.00	.61	.42	.42
1.51 -2.00	.25	.08	0.00	.04	.09	0.00	.98	.30	.42	.42
ABOVE 2.00	0.00	.25	0.00	.04	.06	0.00	0.00	.92	.28	.42
AVERAGE PPM	.03	.03	.02	.03	.03	.01	.06	.13	.09	.09

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	83.91	85.79	83.84	76.27	81.66	82.22	74.50	37.42	48.59	49.03
0.03	92.33	94.67	92.49	89.35	91.80	91.11	85.29	66.56	71.84	72.28
0.10	95.44	96.78	96.47	93.93	95.40	97.77	90.19	79.75	84.17	83.99
0.50	98.86	99.15	99.77	98.94	99.14	99.99	97.05	95.70	96.21	96.29
1.00	99.55	99.32	99.99	99.57	99.61	99.99	99.01	98.15	98.87	98.73
1.50	99.74	99.66	99.99	99.90	99.83	99.99	99.01	98.77	99.29	99.15
2.00	99.99	99.74	99.99	99.95	99.93	99.99	99.99	99.07	99.71	99.57

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1325	1015	1095	1598	5033	37	76	122	347	582
TRACE-0.03	133	105	113	274	625	4	11	95	166	276
0.04 -0.10	49	25	52	96	222	3	5	43	88	139
0.11 -0.50	54	28	43	105	230	1	7	52	86	146
0.51 -1.00	11	2	3	13	29	0	2	8	19	29
1.01 -1.50	3	4	0	7	14	0	0	2	3	5
1.51 -2.00	4	1	0	1	6	0	1	1	3	5
ABOVE 2.00	0	3	0	1	4	0	0	3	2	5
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187



VINE AND EAR VEGETABLES

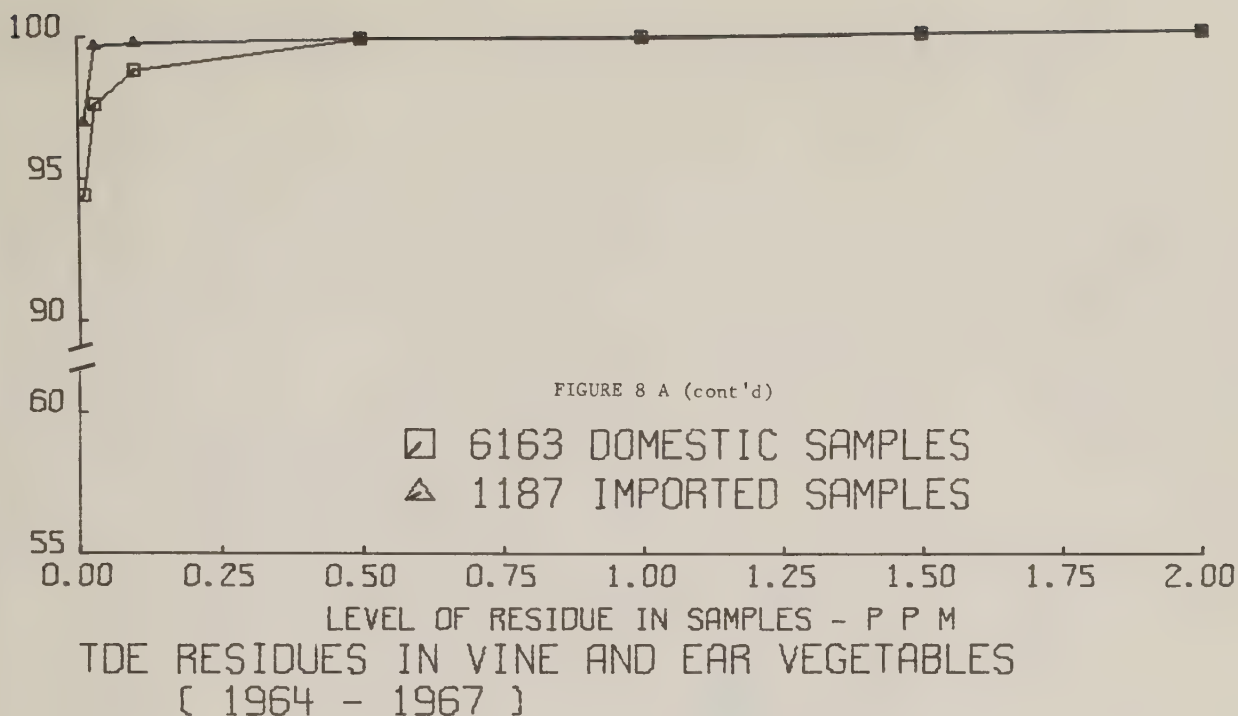
TABLE 8 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.26	90.44	91.65	88.40	91.49	95.55	90.19	69.93	70.58	73.04
TRACE-0.03	3.29	8.11	7.58	10.40	7.54	4.44	8.82	28.52	28.71	26.04
0.04 -0.10	.44	1.01	.61	.85	.73	0.00	.98	.92	.28	.50
0.11 -0.50	0.00	.33	.15	.28	.19	0.00	0.00	.61	.14	.25
0.51 -1.00	0.00	.08	0.00	.04	.03	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.28	.16
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.26	90.44	91.65	88.40	91.49	95.55	90.19	69.93	70.58	73.04
0.03	99.55	98.56	99.23	98.80	99.04	99.99	99.01	98.46	99.29	99.07
0.10	99.99	99.57	99.84	99.66	99.77	99.99	99.99	99.38	99.57	99.57
0.50	99.99	99.91	99.99	99.95	99.96	99.99	99.99	99.99	99.71	99.83
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.71	99.83
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1520	1070	1197	1852	5639	43	92	228	504	867
TRACE-0.03	52	96	99	218	465	2	9	93	205	309
0.04 -0.10	7	12	8	18	45	0	1	3	2	6
0.11 -0.50	0	4	2	6	12	0	0	2	1	3
0.51 -1.00	0	1	0	1	2	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	2	2
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



VINE AND EAR VEGETABLES

TABLE 8 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.98	94.67	95.09	94.08	94.38	95.55	98.03	95.70	97.47	96.96
TRACE-0.03	3.10	3.21	3.06	3.34	3.19	4.44	.98	3.98	2.24	2.69
0.04 -0.10	1.45	.76	1.30	1.24	1.21	0.00	0.00	0.00	.14	.08
0.11 -0.50	1.32	1.18	.45	1.24	1.08	0.00	.98	0.00	.14	.16
0.51 -1.00	.12	.16	0.00	.04	.08	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.07	0.00	.01	0.00	0.00	.30	0.00	.08
1.51 -2.00	0.00	0.00	0.00	.04	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	0.00	.01	.01	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.98	94.67	95.09	94.08	94.38	95.55	98.03	95.70	97.47	96.96
0.03	97.08	97.88	98.16	97.42	97.58	99.99	99.01	99.69	99.71	99.66
0.10	98.54	98.64	99.46	98.66	98.79	99.99	99.01	99.69	99.85	99.74
0.50	99.87	99.83	99.92	99.90	99.88	99.99	99.99	99.69	99.99	99.91
1.00	99.99	99.99	99.92	99.95	99.96	99.99	99.99	99.69	99.99	99.91
1.50	99.99	99.99	99.99	99.95	99.98	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1484	1120	1242	1971	5817	43	100	312	696	1151
TRACE-0.03	49	38	40	70	197	2	1	13	16	32
0.04 -0.10	23	9	17	26	75	0	0	0	1	1
0.11 -0.50	21	14	6	26	67	0	1	0	1	2
0.51 -1.00	2	2	0	1	5	0	0	0	0	0
1.01 -1.50	0	0	1	0	1	0	0	1	0	1
1.51 -2.00	0	0	0	1	1	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

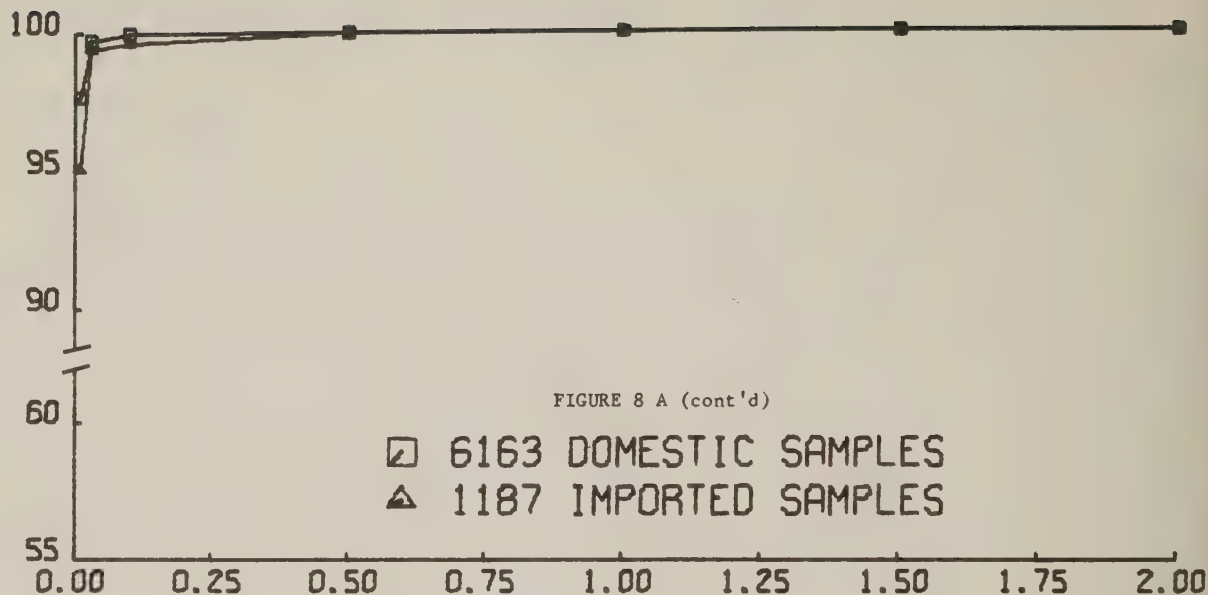


FIGURE 8 A (cont'd)

□ 6163 DOMESTIC SAMPLES  
△ 1187 IMPORTED SAMPLES

LEVEL OF RESIDUE IN SAMPLES - P P M  
LINDANE RESIDUES IN VINE AND EAR VEGETABLES  
( 1964 - 1967 )

VINE AND EAR VEGETABLES

TABLE 8 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.98	96.78	97.24	97.32	97.63	97.77	99.01	97.54	93.13	95.02
TRACE-0.03	.94	2.87	2.22	2.29	2.04	0.00	.98	1.22	6.58	4.38
0.04 -0.10	.06	.25	.38	.38	.27	0.00	0.00	.30	.14	.16
0.11 -0.50	0.00	.08	.15	0.00	.04	2.22	0.00	.92	.14	.42
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.98	96.78	97.24	97.32	97.63	97.77	99.01	97.54	93.13	95.02
0.03	99.93	99.66	99.46	99.61	99.67	97.77	99.99	98.77	99.71	99.41
0.10	99.99	99.91	99.84	99.99	99.95	97.77	99.99	99.07	99.85	99.57
0.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1563	1145	1270	2039	6017	44	101	318	665	1128
TRACE-0.03	15	34	29	48	126	0	1	4	47	52
0.04 -0.10	1	3	5	8	17	0	0	1	1	2
0.11 -0.50	0	1	2	0	3	1	0	3	1	5
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

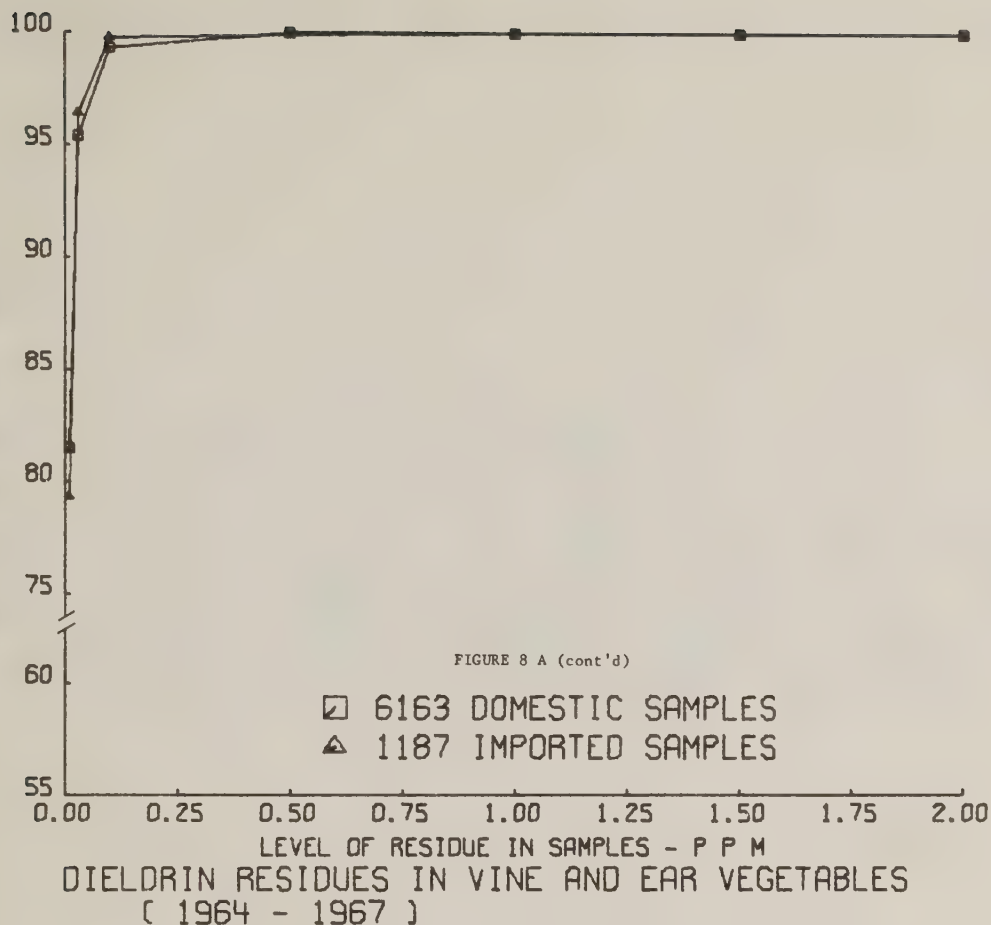


TABLE 8 A (cont'd)

VINE AND EAR VEGETABLES

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	85.56	81.14	79.86	79.57	81.47	97.77	96.07	66.87	81.37	79.27
TRACE-0.03	10.76	15.63	13.16	15.79	13.92	2.22	2.94	23.61	17.08	17.10
0.04 -0.10	3.16	2.87	5.66	4.00	3.92	0.00	0.00	8.89	1.54	3.36
0.11 -0.50	.50	.33	1.22	.62	.66	0.00	0.00	.61	0.00	.16
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	.98	0.00	0.00	.08
1.01 -1.50	0.00	0.00	.07	0.00	.01	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	.01	.01	.01	0.00	.01	.01	0.00	.01

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	85.56	81.14	79.86	79.57	81.47	97.77	96.07	66.87	81.37	79.27
0.03	96.32	96.78	93.03	95.36	95.39	99.99	99.01	90.49	98.45	96.37
0.10	99.49	99.66	98.69	99.37	99.31	99.99	99.01	99.38	99.99	99.74
0.50	99.99	99.99	99.92	99.99	99.98	99.99	99.01	99.99	99.99	99.91
1.00	99.99	99.99	99.92	99.99	99.98	99.99	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

	NUMBER OF SAMPLES FOR DIELDRIN									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1351	960	1043	1667	5021	44	98	218	581	941
TRACE-0.03	170	185	172	331	858	1	3	77	122	203
0.04 -0.10	50	34	74	84	242	0	0	29	11	40
0.11 -0.50	8	4	16	13	41	0	0	2	0	2
0.51 -1.00	0	0	0	0	0	0	1	0	0	1
1.01 -1.50	0	0	1	0	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187



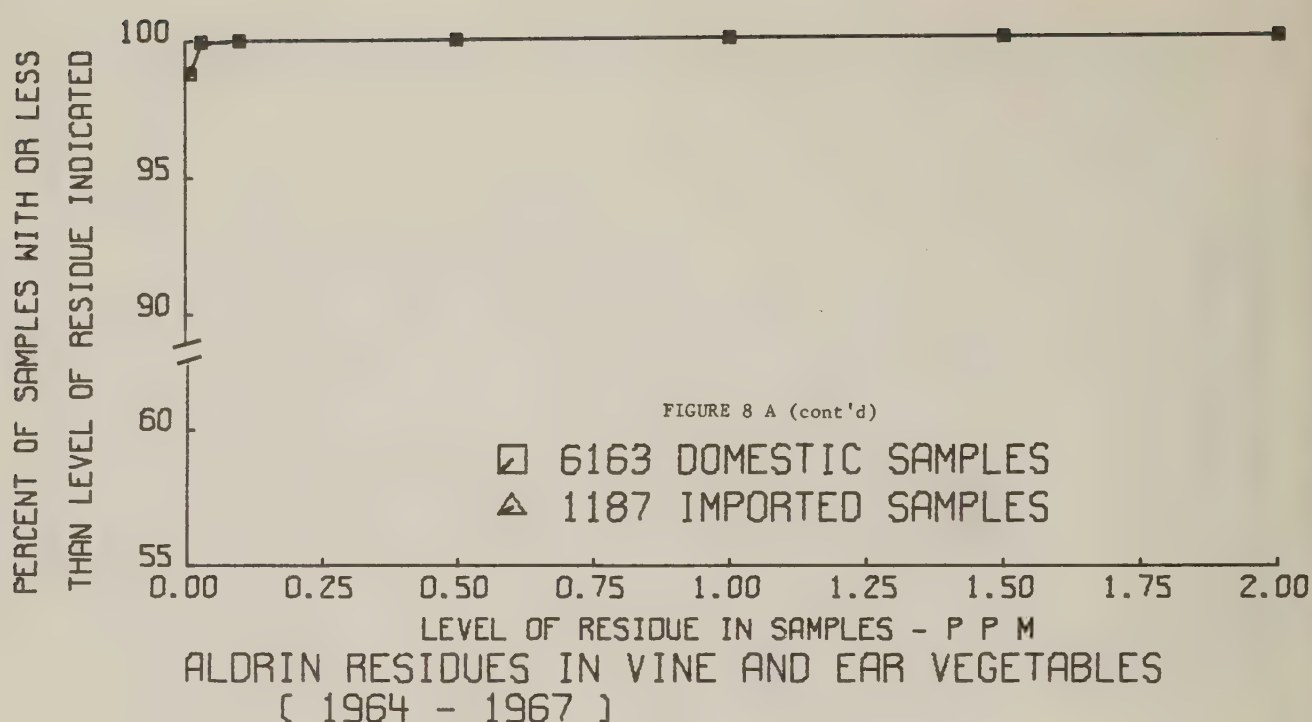


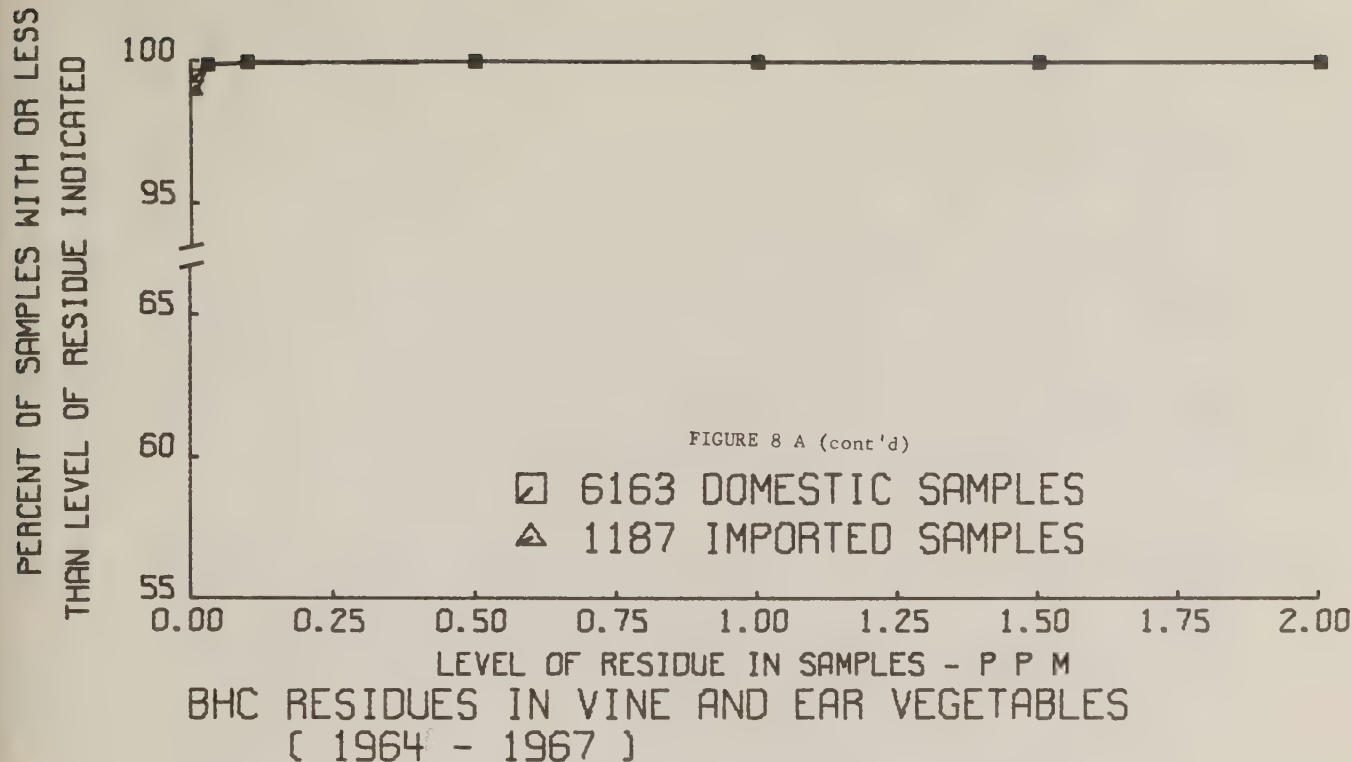
TABLE 8 A (cont'd)

VINE AND EAR VEGETABLES

		DOMESTIC					IMPORTED				
		PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
RANGE PPM		1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND		98.92	99.15	98.92	98.47	98.81	100.00	100.00	99.38	98.31	98.82
TRACE-0.03		1.01	.84	1.07	1.47	1.15	0.00	0.00	.30	1.68	1.09
0.04 -0.10		.06	0.00	0.00	0.00	.01	0.00	0.00	.30	0.00	.08
0.11 -0.50		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00		0.00	0.00	0.00	.04	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.92	99.15	98.92	98.47	98.81	100.00	100.00	99.38	98.31	98.82
0.03	99.93	99.99	99.99	99.95	99.96	100.00	100.00	99.69	99.99	99.91
0.10	99.99	99.99	99.99	99.95	99.98	100.00	100.00	99.99	99.99	99.99
0.50	99.99	99.99	99.99	99.95	99.98	100.00	100.00	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.95	99.98	100.00	100.00	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.95	99.98	100.00	100.00	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99

	NUMBER OF SAMPLES FOR ALDRIN									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1562	1173	1292	2063	6090	45	102	324	702	1173
TRACE-0.03	16	10	14	31	71	0	0	1	12	13
0.04 -0.10	1	0	0	0	1	0	0	1	0	1
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	1	1	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187



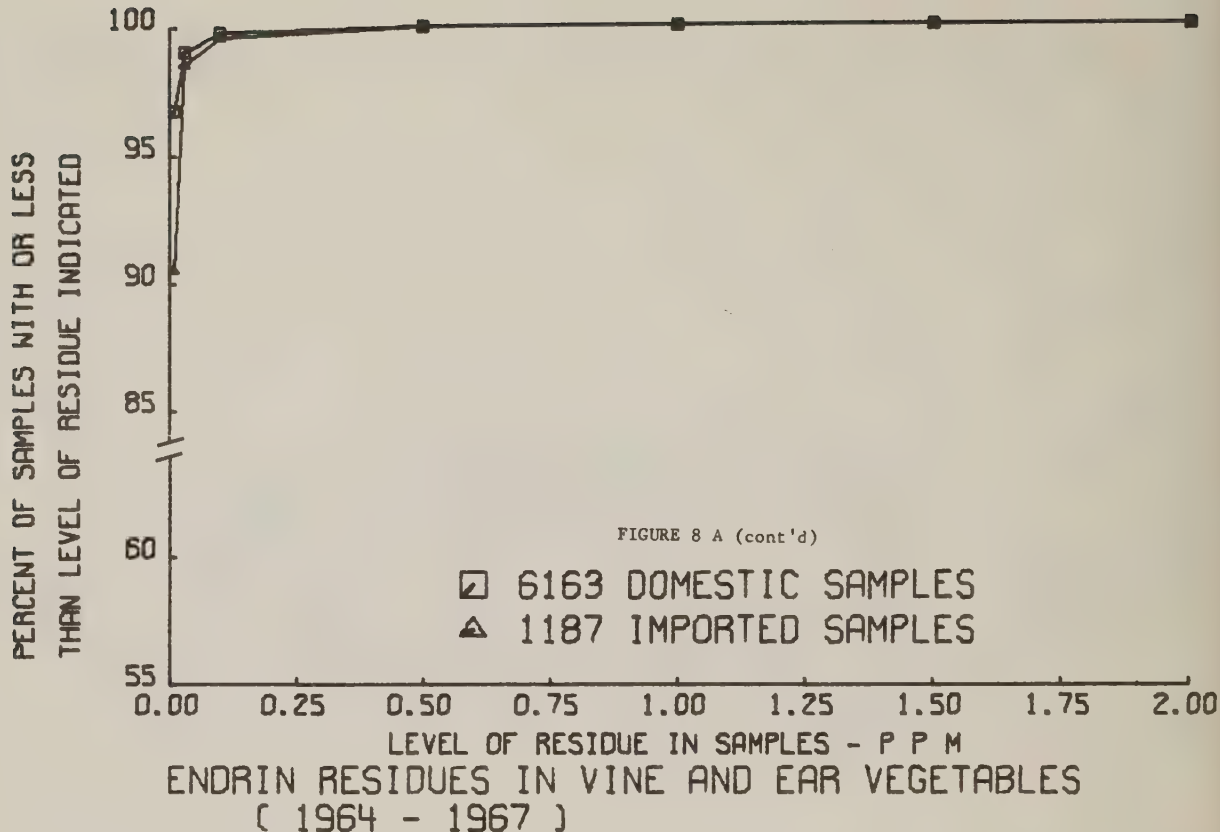
VINE AND EAR VEGETABLES

TABLE 8 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.62	99.66	99.23	99.33	99.44	97.77	98.03	99.07	99.01	98.90
TRACE-0.03	.37	.16	.22	.57	.37	0.00	1.96	.61	.98	.92
0.04 -0.10	0.00	.16	.45	.04	.14	2.22	0.00	0.00	0.00	.08
0.11 -0.50	0.00	0.00	.07	.04	.03	0.00	0.00	.30	0.00	.08
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.62	99.66	99.23	99.33	99.44	97.77	98.03	99.07	99.01	98.90
0.03	99.99	99.83	99.46	99.90	99.82	97.77	99.99	99.69	99.99	99.83
0.10	99.99	99.99	99.92	99.95	99.96	99.99	99.99	99.69	99.99	99.91
0.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99

NUMBER OF SAMPLES FOR BHC										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1573	1179	1296	2081	6129	44	100	323	707	1174
TRACE-0.03	6	2	3	12	23	0	2	2	7	11
0.04 -0.10	0	2	6	1	9	1	0	0	0	1
0.11 -0.50	0	0	1	1	2	0	0	1	0	1
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187



VINE AND EAR VEGETABLES

TABLE 8 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.51	97.12	96.78	96.70	96.75	100.00	98.03	91.41	88.37	90.48
TRACE-0.03	2.15	2.28	1.99	2.57	2.28	0.00	.98	6.44	10.36	8.08
0.04 -0.10	.88	.50	1.14	.57	.76	0.00	.98	1.53	.84	1.01
0.11 -0.50	.44	.08	.07	.14	.19	0.00	0.00	.61	.42	.42
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.51	97.12	96.78	96.70	96.75	100.00	98.03	91.41	88.37	90.48
0.03	98.67	99.40	98.77	99.28	99.04	100.00	99.01	97.85	98.73	98.56
0.10	99.55	99.91	99.92	99.85	99.80	100.00	99.99	99.38	99.57	99.57
0.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1524	1149	1264	2026	5963	45	100	298	631	1074
TRACE-0.03	34	27	26	54	141	0	1	21	74	96
0.04 -0.10	14	6	15	12	47	0	1	5	6	12
0.11 -0.50	7	1	1	3	12	0	0	2	3	5
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

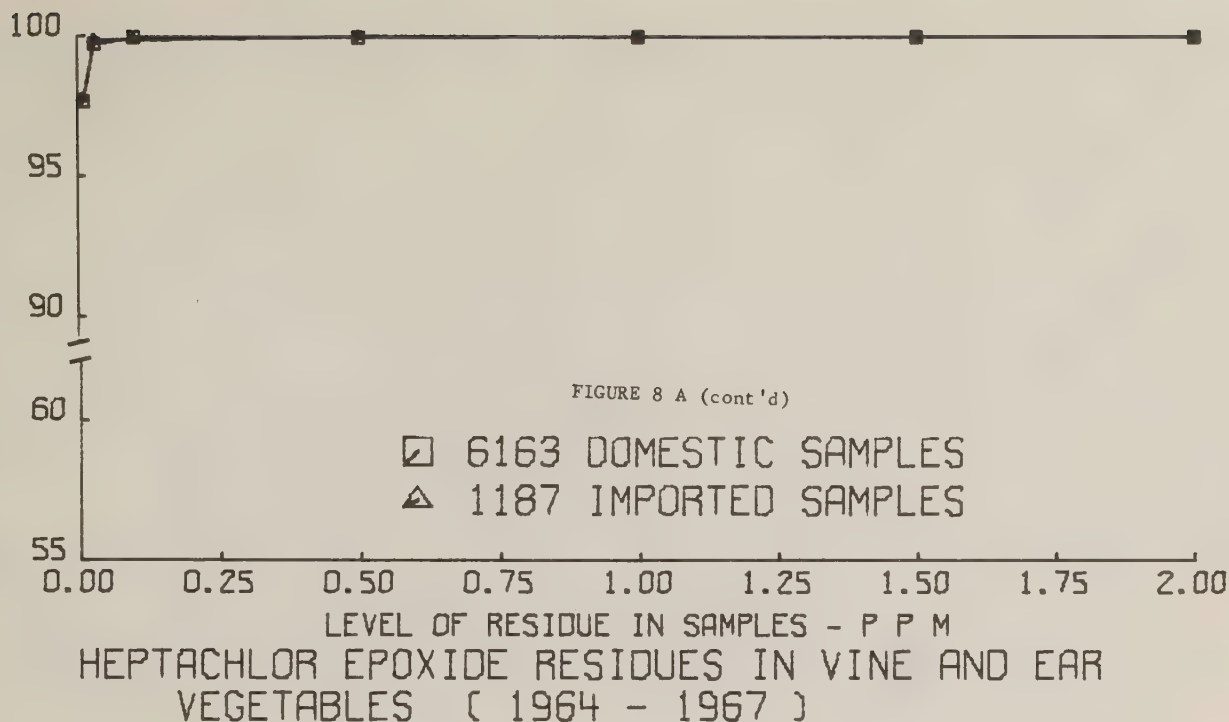


TABLE 8 A (cont'd)

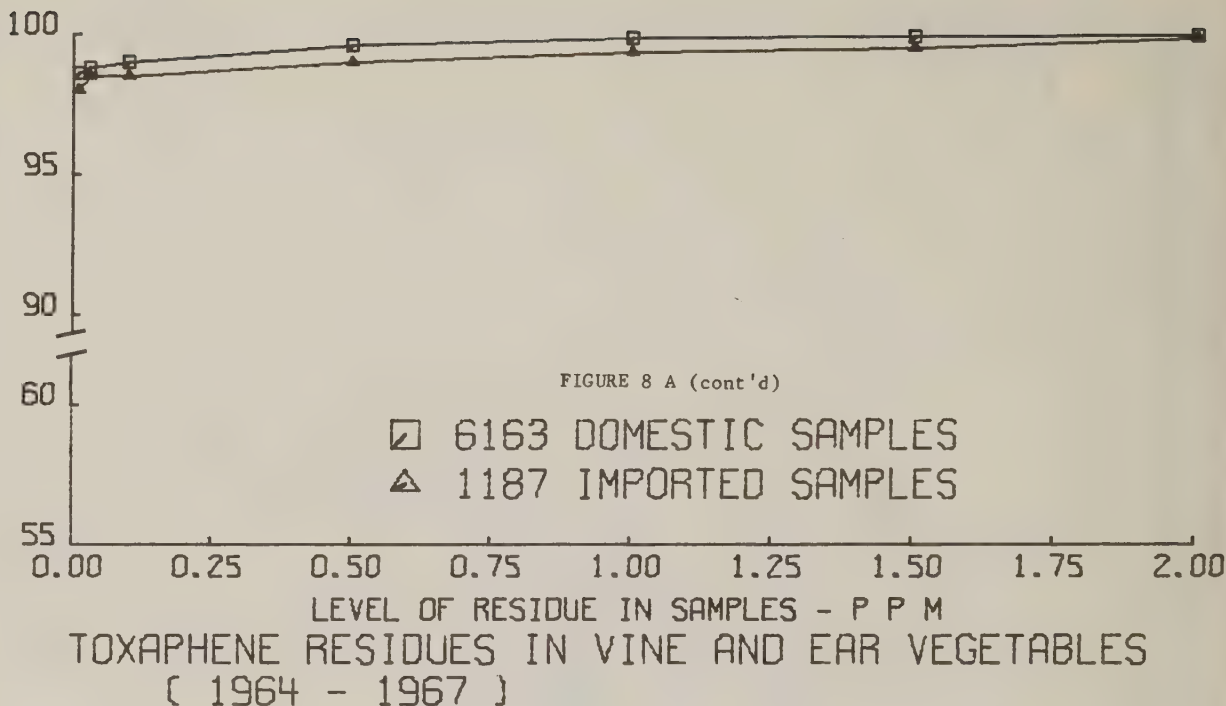
VINE AND EAR VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.30	96.19	96.24	98.04	97.63	100.00	100.00	100.00	96.21	97.72
TRACE-0.03	.56	3.29	3.21	1.71	2.04	0.00	0.00	0.00	3.50	2.10
0.04 -0.10	.12	.50	.53	.14	.29	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.28	.16
0.51 -1.00	0.00	0.00	0.00	.09	.03	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.30	96.19	96.24	98.04	97.63	100.00	100.00	100.00	96.21	97.72
0.03	99.87	99.49	99.46	99.76	99.67	100.00	100.00	100.00	99.71	99.83
0.10	99.99	99.99	99.99	99.90	99.96	100.00	100.00	100.00	99.71	99.83
0.50	99.99	99.99	99.99	99.90	99.96	100.00	100.00	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1568	1138	1257	2054	6017	45	102	326	687	1160
TRACE-0.03	9	39	42	36	126	0	0	0	25	25
0.04 -0.10	2	6	7	3	18	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	2	2
0.51 -1.00	0	0	0	2	2	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



VINE AND EAR VEGETABLES

TABLE 8 A (cont'd)

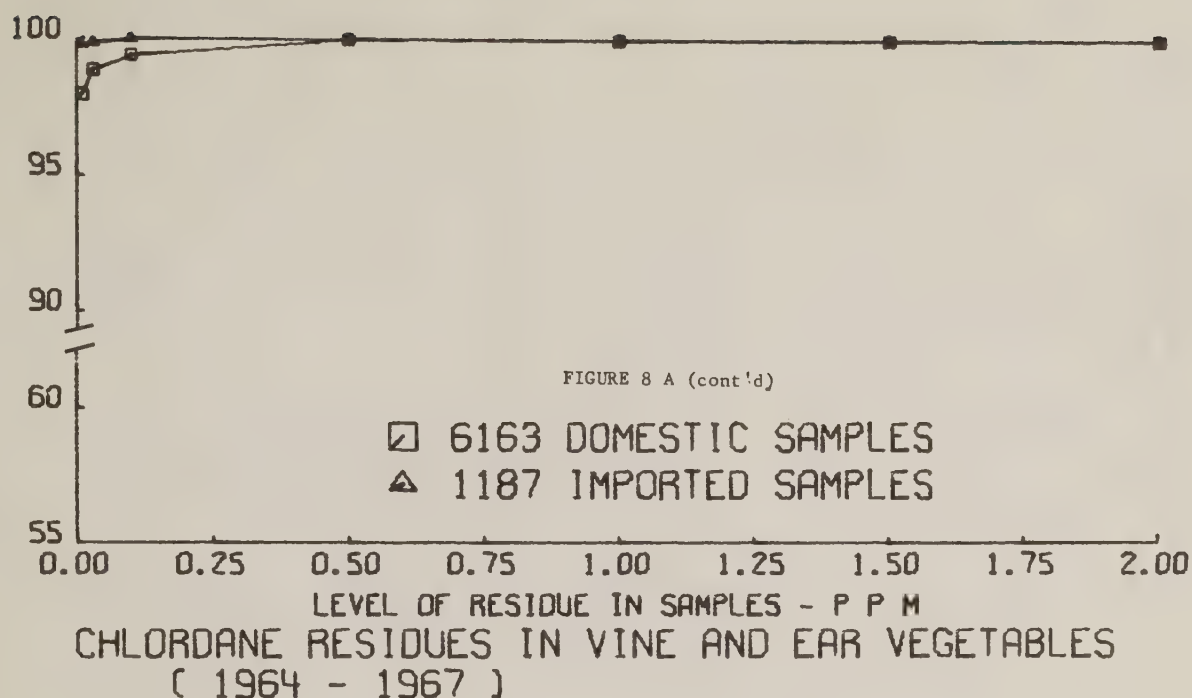
	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.22	98.98	99.31	98.23	98.60	100.00	100.00	93.25	99.71	97.97
TRACE-0.03	.12	.25	.15	.28	.21	0.00	0.00	1.53	.14	.50
0.04 -0.10	.44	0.00	.07	.09	.16	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.75	.42	.30	.85	.63	0.00	0.00	1.84	0.00	.50
0.51 -1.00	.25	.25	.07	.23	.21	0.00	0.00	1.22	0.00	.33
1.01 -1.50	.18	0.00	0.00	.14	.09	0.00	0.00	.30	.14	.16
1.51 -2.00	0.00	0.00	0.00	.09	.03	0.00	0.00	1.22	0.00	.33
ABOVE 2.00	0.00	.08	.07	.04	.04	0.00	0.00	.61	0.00	.16
AVERAGE PPM	.01	.01	0.00	.01	.01	0.00	0.00	.05	0.00	.02

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.22	98.98	99.31	98.23	98.60	100.00	100.00	93.25	99.71	97.97
0.03	98.35	99.23	99.46	98.52	98.81	100.00	100.00	94.78	99.85	98.48
0.10	98.79	99.23	99.54	98.61	98.97	100.00	100.00	94.78	99.85	98.48
0.50	99.55	99.66	99.84	99.47	99.61	100.00	100.00	96.62	99.85	98.98
1.00	99.81	99.91	99.92	99.71	99.82	100.00	100.00	97.85	99.85	99.32
1.50	99.99	99.91	99.92	99.85	99.91	100.00	100.00	98.15	99.99	99.49
2.00	99.99	99.91	99.92	99.95	99.95	100.00	100.00	99.38	99.99	99.83

	NUMBER OF SAMPLES FOR TOXAPHENE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1551	1171	1297	2058	6077	45	102	304	712	1163
TRACE-0.03	2	3	2	6	13	0	0	5	1	6
0.04 -0.10	7	0	1	2	10	0	0	0	0	0
0.11 -0.50	12	5	4	18	39	0	0	6	0	6
0.51 -1.00	4	3	1	5	13	0	0	4	0	4
1.01 -1.50	3	0	0	3	6	0	0	1	1	2
1.51 -2.00	0	0	0	2	2	0	0	4	0	4
ABOVE 2.00	0	1	1	1	3	0	0	2	0	2
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187



PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



VINE AND EAR VEGETABLES

TABLE 8 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.48	98.22	97.47	97.70	97.95	100.00	99.01	100.00	99.71	99.74
TRACE-0.03	.25	.67	1.53	1.05	.87	0.00	.98	0.00	0.00	.08
0.04 -0.10	.88	.84	.30	.28	.55	0.00	0.00	0.00	.28	.16
0.11 -0.50	.37	.25	.68	.95	.61	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR CHLORDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.48	98.22	97.47	97.70	97.95	100.00	99.01	100.00	99.71	99.74
0.03	98.73	98.90	99.00	98.75	98.83	100.00	99.99	100.00	99.71	99.83
0.10	99.62	99.74	99.31	99.04	99.38	100.00	99.99	100.00	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	99.99	99.99

NUMBER OF SAMPLES FOR CHLORDANE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1555	1162	1273	2047	6037	45	101	326	712	1184
TRACE-0.03	4	8	20	22	54	0	1	0	0	1
0.04 -0.10	14	10	4	6	34	0	0	0	2	2
0.11 -0.50	6	3	9	20	38	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187

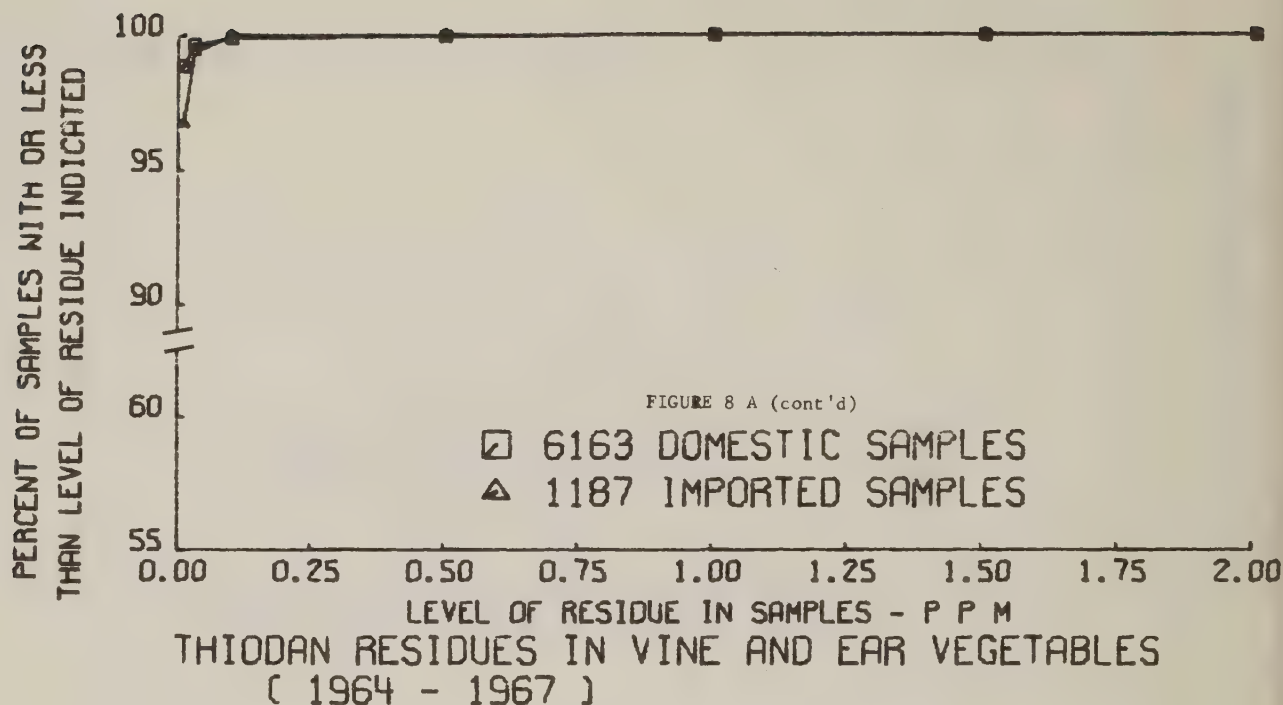


TABLE 8 A (cont'd)

VINE AND EAR VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.68	99.23	97.39	98.85	98.83	100.00	99.01	99.38	94.95	96.71
TRACE-0.03	.18	.50	1.76	.90	.82	0.00	.98	0.00	4.34	2.69
0.04 -0.10	.12	.16	.45	.14	.21	0.00	0.00	.61	.70	.58
0.11 -0.50	0.00	0.00	.30	.09	.09	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	.08	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.07	0.00	.01	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR THIODAN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.68	99.23	97.39	98.85	98.83	100.00	99.01	99.38	94.95	96.71
0.03	99.87	99.74	99.15	99.76	99.65	100.00	99.99	99.38	99.29	99.41
0.10	99.99	99.91	99.61	99.90	99.87	100.00	99.99	99.99	99.99	99.99
0.50	99.99	99.91	99.92	99.99	99.96	100.00	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.92	99.99	99.98	100.00	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99	99.99	99.99

NUMBER OF SAMPLES FOR THIODAN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1574	1174	1272	2071	6091	45	101	324	678	1148
TRACE-0.03	3	6	23	19	51	0	1	0	31	32
0.04 -0.10	2	2	6	3	13	0	0	2	5	7
0.11 -0.50	0	0	4	2	6	0	0	0	0	0
0.51 -1.00	0	1	0	0	1	0	0	0	0	0
1.01 -1.50	0	0	1	0	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1579	1183	1306	2095	6163	45	102	326	714	1187

TABLE 8 A (cont'd)

## VINE AND EAR VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.46	97.80	98.44	0.00	0.00	96.62	94.39	95.09
TRACE-0.03	0.00	0.00	.15	1.33	.88	0.00	0.00	.92	3.78	2.88
0.04 -0.10	0.00	0.00	.22	.47	.38	0.00	0.00	1.53	1.40	1.44
0.11 -0.50	0.00	0.00	.15	.28	.23	0.00	0.00	.61	.42	.48
0.51 -1.00	0.00	0.00	0.00	.04	.02	0.00	0.00	.30	0.00	.09
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	.04	.02	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.46	97.80	98.44	0.00	0.00	96.62	94.39	95.09
0.03	0.00	0.00	99.61	99.14	99.32	0.00	0.00	97.54	98.17	97.98
0.10	0.00	0.00	99.84	99.61	99.70	0.00	0.00	99.07	99.57	99.42
0.50	0.00	0.00	99.99	99.90	99.94	0.00	0.00	99.69	99.99	99.90
1.00	0.00	0.00	99.99	99.95	99.97	0.00	0.00	99.99	99.99	99.99
1.50	0.00	0.00	99.99	99.95	99.97	0.00	0.00	99.99	99.99	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	1299	2049	3348	0	0	315	674	989
TRACE-0.03	0	0	2	28	30	0	0	3	27	30
0.04 -0.10	0	0	3	10	13	0	0	5	10	15
0.11 -0.50	0	0	2	6	8	0	0	2	3	5
0.51 -1.00	0	0	0	1	1	0	0	1	0	1
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	1	1	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1306	2095	3401	0	0	326	714	1040

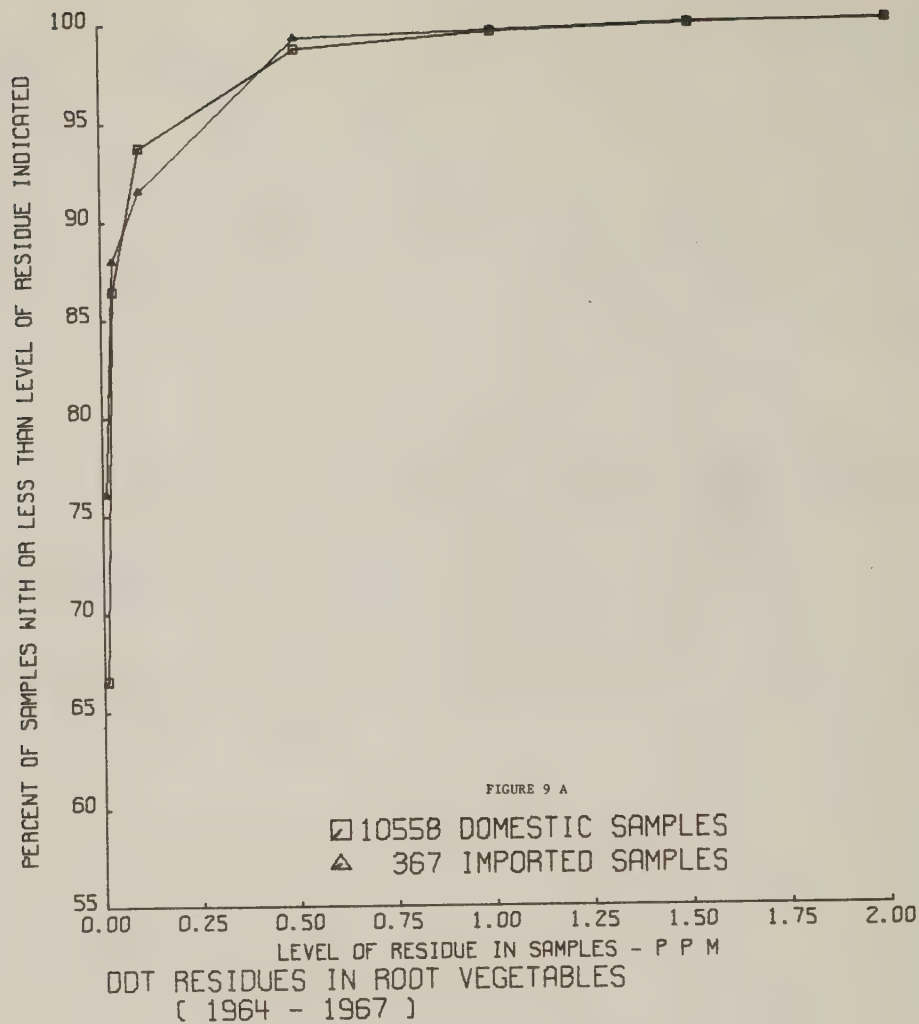
TABLE 8 A (cont'd)

## VINE AND EAR VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	98.94	99.35	0.00	0.00	99.69	99.85	99.80
TRACE-0.03	0.00	0.00	0.00	.81	.49	0.00	0.00	0.00	.14	.09
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.30	0.00	.09
0.11 -0.50	0.00	0.00	0.00	.23	.14	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	98.94	99.35	0.00	0.00	99.69	99.85	99.80
0.03	0.00	0.00	100.00	99.76	99.85	0.00	0.00	99.69	99.99	99.90
0.10	0.00	0.00	100.00	99.76	99.85	0.00	0.00	99.99	99.99	99.99
0.50	0.00	0.00	100.00	99.99	99.99	0.00	0.00	99.99	99.99	99.99
1.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	99.99	99.99	99.99
1.50	0.00	0.00	100.00	99.99	99.99	0.00	0.00	99.99	99.99	99.99
2.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	1306	2073	3379	0	0	325	713	1038
TRACE-0.03	0	0	0	17	17	0	0	0	1	1
0.04 -0.10	0	0	0	0	0	0	0	1	0	1
0.11 -0.50	0	0	0	5	5	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1306	2095	3401	0	0	326	714	1040



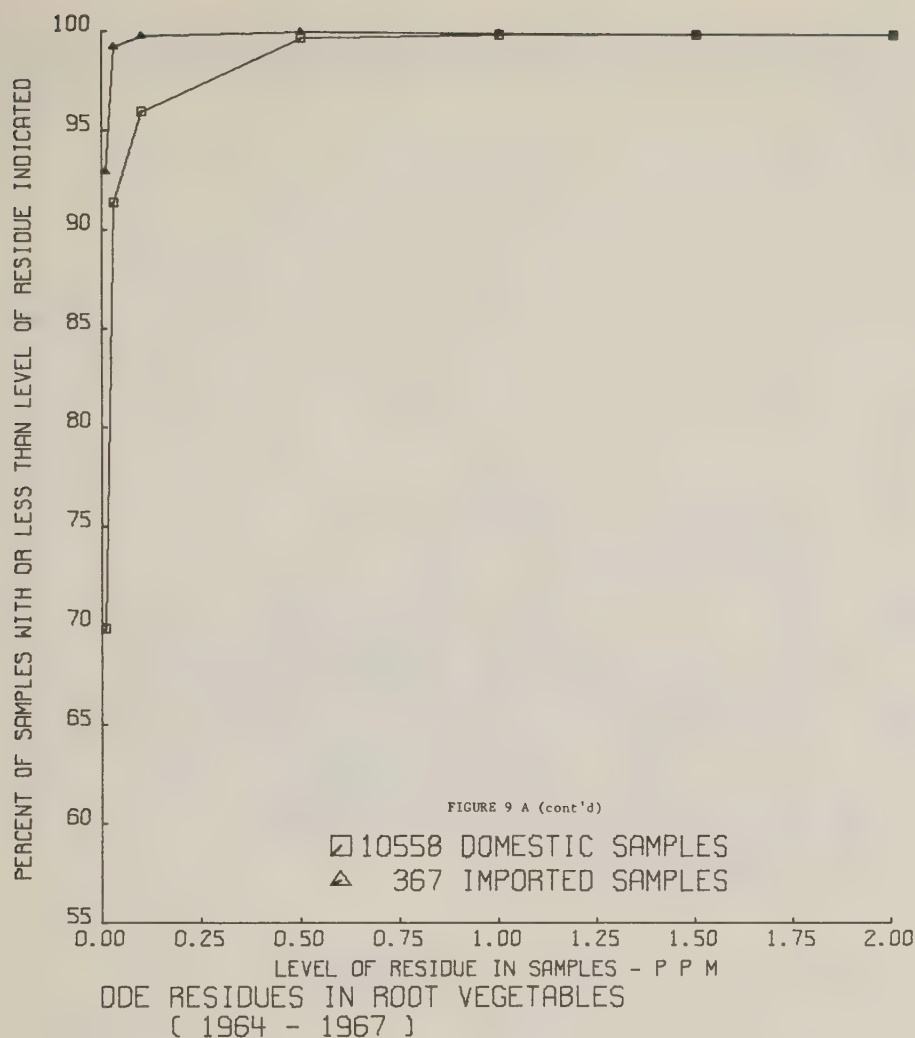
ROOT VEGETABLES

TABLE 9 A

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	70.32	65.00	67.41	63.54	66.52	82.41	68.46	65.00	81.60	76.02
TRACE-0.03	15.01	22.34	18.09	23.97	19.92	5.49	16.21	17.50	11.20	11.98
0.04-0.10	7.10	7.15	8.06	6.84	7.26	2.19	6.30	5.00	1.60	3.54
0.11-0.50	6.33	4.11	5.19	4.02	4.91	7.69	9.00	12.50	4.80	7.62
0.51-1.00	.69	.70	.61	1.00	.76	0.00	0.00	0.00	.80	.27
1.01-1.50	.25	.24	.32	.26	.27	1.09	0.00	0.00	0.00	.27
1.51-2.00	.07	.12	.12	.10	.10	0.00	0.00	0.00	0.00	0.20
ABOVE 2.00	.18	.29	.16	.23	.21	1.09	0.00	0.00	0.00	.27
AVERAGE PPM	.04	.04	.04	.04	.04	.06	.03	.04	.02	.04

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	70.32	65.00	67.41	63.54	66.52	82.41	68.46	65.00	81.60	76.02
0.03	85.34	87.34	85.50	87.52	86.45	87.91	84.68	82.50	92.80	88.01
0.10	92.45	94.50	93.57	94.36	93.72	90.10	90.99	87.50	94.40	91.55
0.50	98.79	98.62	98.77	98.39	98.63	97.80	99.99	100.00	99.20	99.18
1.00	99.48	99.33	99.38	99.39	99.40	97.80	99.99	100.00	100.00	99.45
1.50	99.74	99.58	99.71	99.66	99.67	98.90	99.99	100.00	100.00	99.72
2.00	99.81	99.70	99.83	99.76	99.78	98.90	99.99	100.00	100.00	99.72

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1920	1562	1647	1895	7024	75	76	26	102	279
TRACE-0.03	410	537	442	715	2104	5	18	7	14	44
0.04-0.10	194	172	197	204	767	2	7	2	2	13
0.11-0.50	173	99	127	120	519	7	10	5	6	28
0.51-1.00	19	17	15	30	81	0	0	0	1	1
1.01-1.50	7	6	8	8	29	1	0	0	0	1
1.51-2.00	2	3	3	3	11	0	0	0	0	0
ABOVE 2.00	5	7	4	7	23	1	0	0	0	1
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367



ROOT VEGETABLES

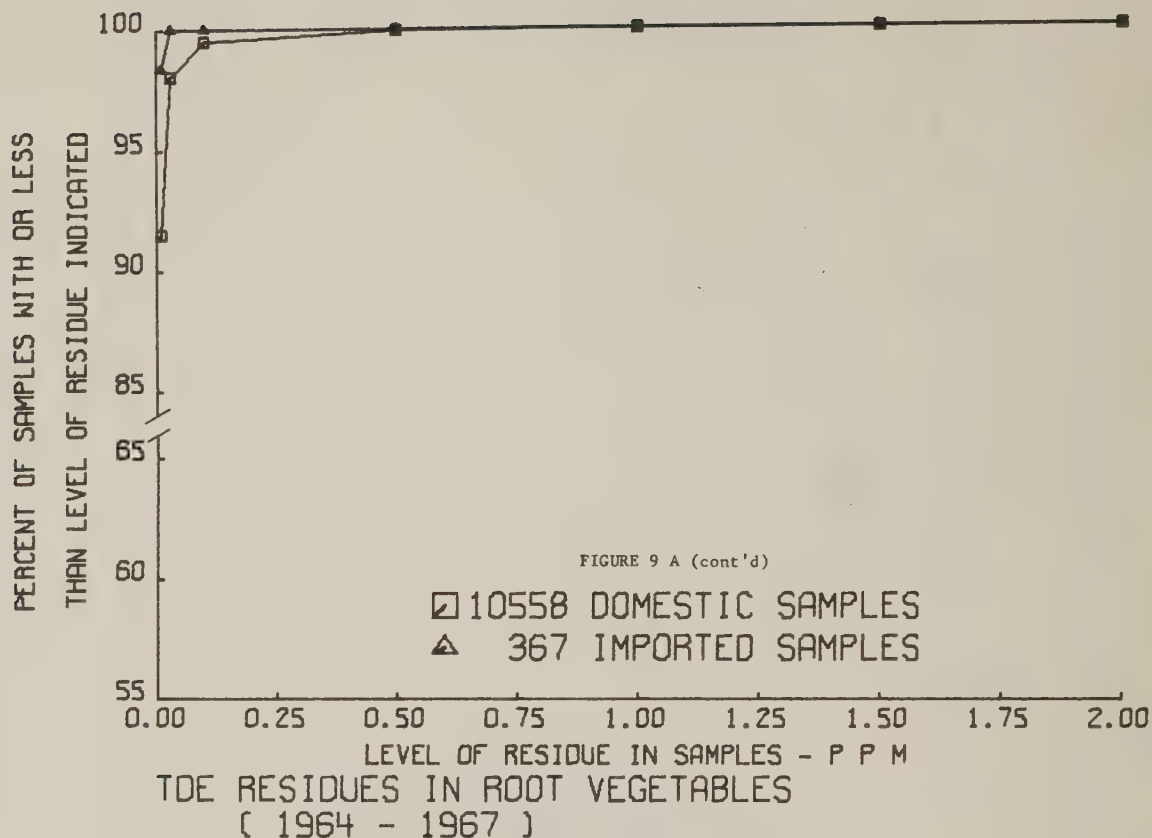
TABLE 9 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	71.57	68.83	70.77	68.27	69.83	93.40	89.18	87.50	97.60	92.91
TRACE-0.03	19.15	22.97	19.07	24.48	21.50	5.49	10.81	10.00	1.60	6.26
0.04 -0.10	3.66	4.45	6.09	4.29	4.58	1.09	0.00	0.00	.80	.54
0.11 -0.50	5.05	3.66	3.80	2.58	3.75	0.00	0.00	2.50	0.00	.27
0.51 -1.00	.40	.08	.20	.33	.26	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.14	0.00	.04	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	.03	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.03	.02	.02	.02	.02	0.00	0.00	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	71.57	68.83	70.77	68.27	69.83	93.40	89.18	87.50	97.60	92.91
0.03	90.73	91.80	89.84	92.75	91.34	98.90	99.99	97.50	99.20	99.18
0.10	94.39	96.25	95.94	97.04	95.92	99.99	99.99	97.50	100.00	99.72
0.50	99.45	99.91	99.75	99.63	99.67	99.99	99.99	100.00	100.00	99.99
1.00	99.85	99.99	99.95	99.96	99.94	99.99	99.99	100.00	100.00	99.99
1.50	99.99	99.99	99.99	99.96	99.99	99.99	99.99	100.00	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1954	1654	1729	2036	7373	85	99	35	122	341
TRACE-0.03	523	552	466	730	2271	5	12	4	2	23
0.04 -0.10	100	107	149	128	484	1	0	0	1	2
0.11 -0.50	138	88	93	77	396	0	0	1	0	1
0.51 -1.00	11	2	5	10	28	0	0	0	0	0
1.01 -1.50	4	0	1	0	5	0	0	0	0	0
1.51 -2.00	0	0	0	1	1	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367





ROOT VEGETABLES

TABLE 9 A (cont d)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.74	90.05	92.38	93.46	91.47	93.40	100.00	100.00	100.00	98.36
TRACE-0.03	7.25	8.23	5.52	5.43	6.56	6.59	0.00	0.00	0.00	1.63
0.04 -0.10	1.86	1.37	1.88	.73	1.43	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	1.09	.33	.20	.26	.48	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.03	0.00	0.00	.10	.03	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.74	90.05	92.38	93.46	91.47	93.40	100.00	100.00	100.00	98.36
0.03	96.99	98.29	97.91	98.89	98.03	99.99	100.00	100.00	100.00	99.99
0.10	98.86	99.66	99.79	99.63	99.47	99.99	100.00	100.00	100.00	99.99
0.50	99.96	99.99	99.99	99.89	99.96	99.99	100.00	100.00	100.00	99.99
1.00	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2450	2164	2257	2787	9658	85	111	40	125	361
TRACE-0.03	198	198	135	162	693	6	0	0	0	6
0.04 -0.10	51	33	46	22	152	0	0	0	0	0
0.11 -0.50	30	8	5	8	51	0	0	0	0	0
0.51 -1.00	1	0	0	3	4	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367

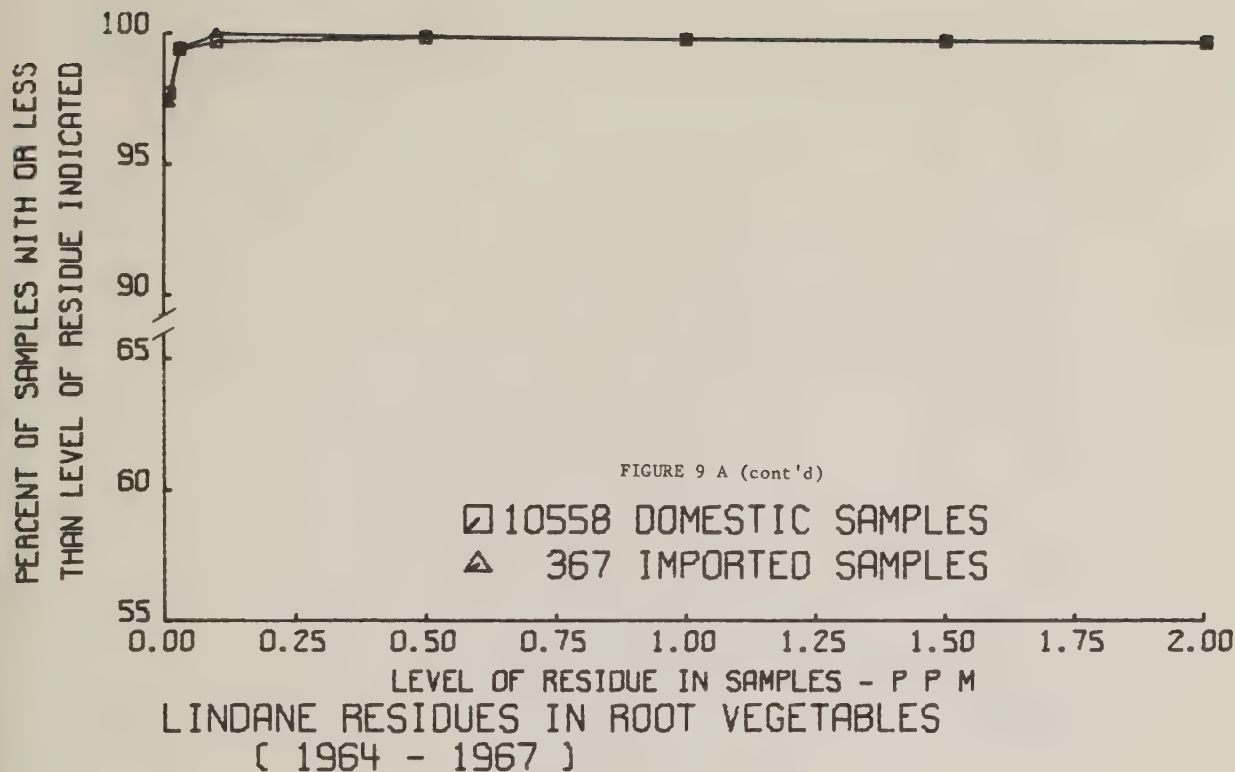


TABLE 9 A (cont'd)

ROOT VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.28	97.29	98.73	97.45	97.67	100.00	98.19	100.00	93.60	97.27
TRACE-0.03	1.68	2.08	.98	2.04	1.71	0.00	.90	0.00	5.60	2.17
0.04 -0.10	.43	.41	.20	.23	.32	0.00	.90	0.00	.80	.54
0.11 -0.50	.47	.16	.04	.23	.23	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.07	0.00	.04	.03	.03	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.03	.04	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.28	97.29	98.73	97.45	97.67	100.00	98.19	100.00	93.60	97.27
0.03	98.97	99.37	99.71	99.49	99.38	100.00	99.09	100.00	99.20	99.45
0.10	99.41	99.79	99.91	99.73	99.70	100.00	99.99	100.00	100.00	99.99
0.50	99.89	99.95	99.95	99.96	99.94	100.00	99.99	100.00	100.00	99.99
1.00	99.96	99.95	99.99	99.99	99.98	100.00	99.99	100.00	100.00	99.99
1.50	99.96	99.95	99.99	99.99	99.98	100.00	99.99	100.00	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	100.00	99.99

NUMBER OF SAMPLES FOR LINDANE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2656	2338	2412	2906	10312	91	109	40	117	357
TRACE-0.03	46	50	24	61	181	0	1	0	7	8
0.04 -0.10	12	10	5	7	34	0	1	0	1	2
0.11 -0.50	13	4	1	7	25	0	0	0	0	0
0.51 -1.00	2	0	1	1	4	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	1	1	0	0	2	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367

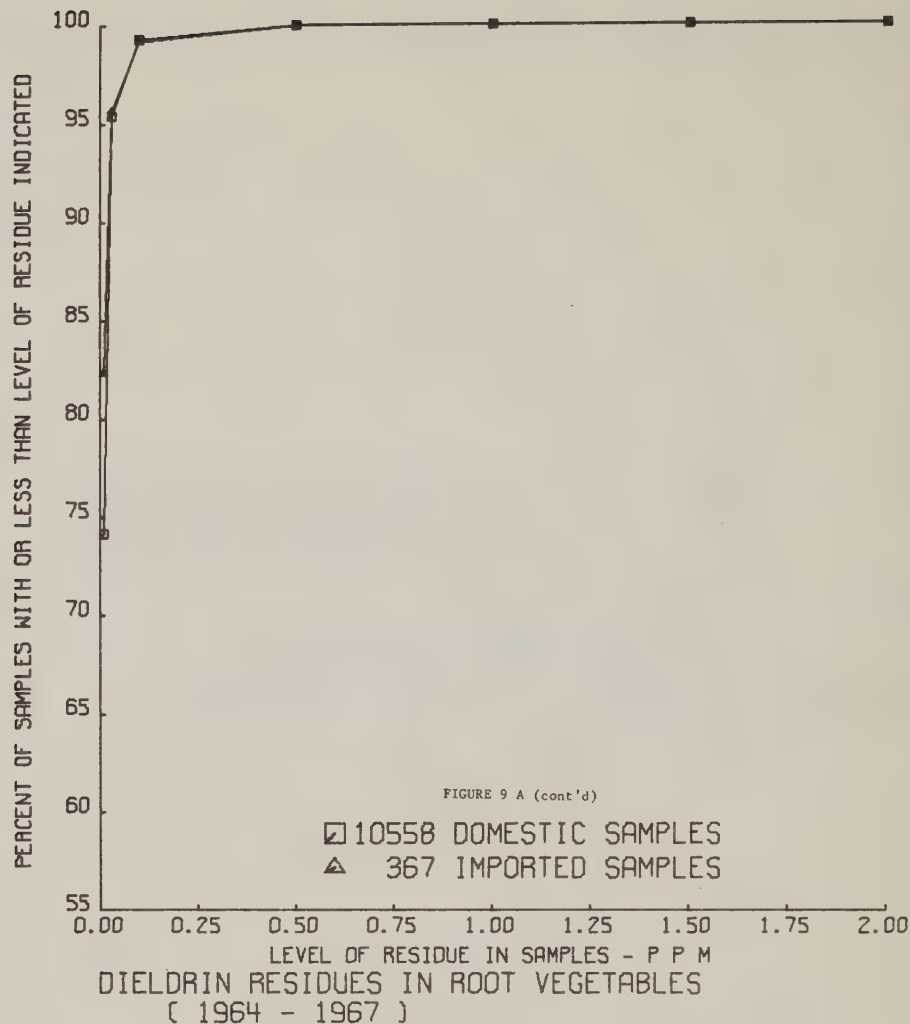


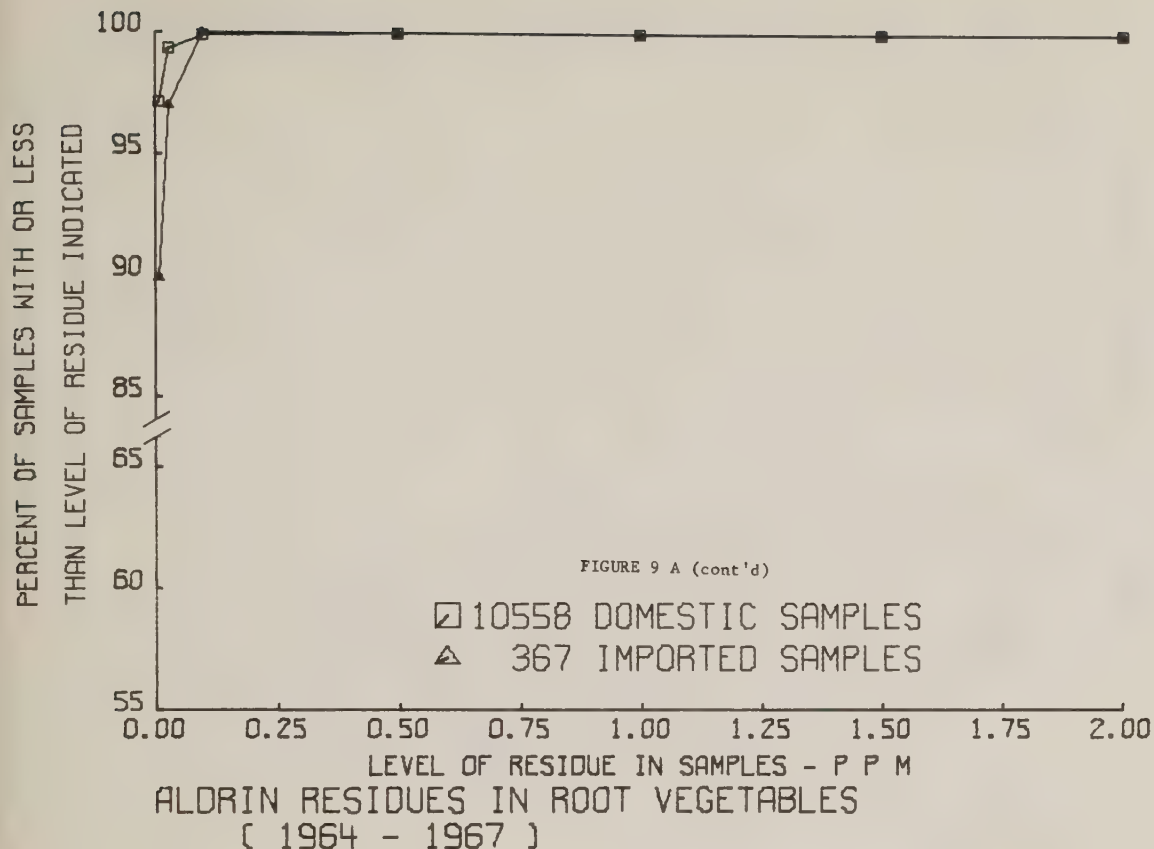
TABLE 9 A (cont'd)

ROOT VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	71.46	70.45	77.15	77.12	74.15	89.01	68.46	72.50	92.80	82.28
TRACE-0.03	23.29	25.96	16.86	19.18	21.25	8.79	24.32	17.50	5.60	13.35
0.04 -0.10	4.39	2.87	5.19	3.21	3.90	2.19	6.30	5.00	1.60	3.54
0.11 -0.50	.84	.66	.77	.43	.67	0.00	.90	5.00	0.00	.81
0.51 -1.00	0.00	.04	0.00	.03	.01	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	.01	.01	.01	0.00	.01	.02	0.00	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	71.46	70.45	77.15	77.12	74.15	89.01	68.46	72.50	92.80	82.28
0.03	94.76	96.42	94.02	96.31	95.40	97.80	92.79	90.00	98.40	95.64
0.10	99.15	99.29	99.22	99.53	99.30	99.99	99.09	95.00	100.00	99.18
0.50	99.99	99.95	99.99	99.96	99.98	99.99	99.99	100.00	100.00	99.99
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1951	1693	1885	2300	7829	81	76	29	116	302
TRACE-0.03	636	624	412	572	2244	8	27	7	7	49
0.04 -0.10	120	69	127	96	412	2	7	2	2	13
0.11 -0.50	23	16	19	13	71	0	1	2	0	3
0.51 -1.00	0	1	0	1	2	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367



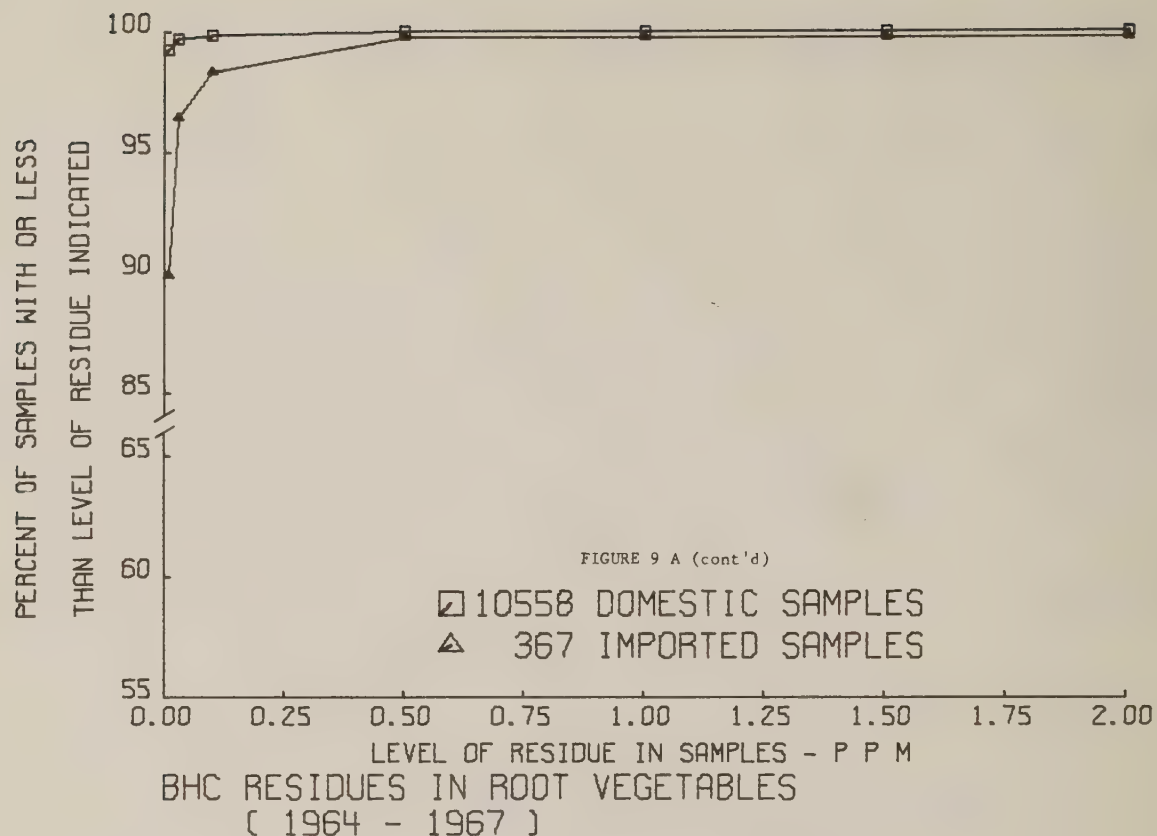
ROOT VEGETABLES

TABLE 9 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.26	98.16	97.62	96.74	97.14	91.20	80.18	90.00	97.60	89.91
TRACE-0.03	2.85	1.41	1.96	2.41	2.19	3.29	18.01	0.00	2.40	7.08
0.04 -0.10	.76	.33	.32	.67	.53	5.49	1.80	10.00	0.00	2.99
0.11 -0.50	.10	0.00	.08	.13	.08	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	.08	0.00	.03	.02	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.26	98.16	97.62	96.74	97.14	91.20	80.18	90.00	97.60	89.91
0.03	99.12	99.58	99.59	99.16	99.34	94.50	98.19	90.00	100.00	97.00
0.10	99.89	99.91	99.91	99.83	99.88	99.99	99.99	100.00	100.00	99.99
0.50	99.99	99.91	99.99	99.96	99.97	99.99	99.99	100.00	100.00	99.99
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99

NUMBER OF SAMPLES FOR ALDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2628	2359	2385	2885	10257	83	89	36	122	330
TRACE-0.03	78	34	48	72	232	3	20	0	3	26
0.04 -0.10	21	8	8	20	57	5	2	4	0	11
0.11 -0.50	3	0	2	4	9	0	0	0	0	0
0.51 -1.00	0	2	0	1	3	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367



ROOT VEGETABLES

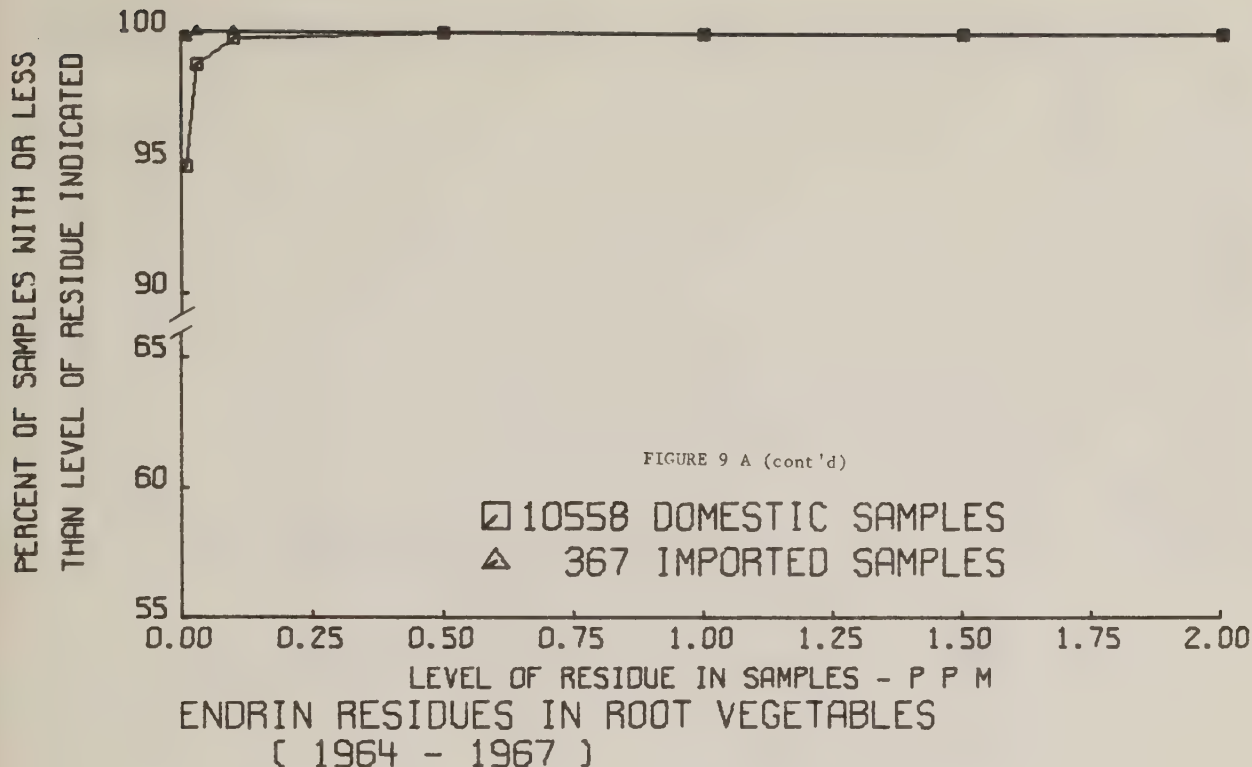
TABLE 9 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.41	99.29	99.26	99.02	99.24	100.00	94.59	100.00	75.20	89.91
TRACE-0.03	.32	.33	.40	.77	.47	0.00	5.40	0.00	14.40	6.53
0.04 -0.10	.14	.12	.16	.10	.13	0.00	0.00	0.00	5.60	1.90
0.11 -0.50	.07	.24	.16	.06	.13	0.00	0.00	0.00	4.00	1.36
0.51 -1.00	0.00	0.00	0.00	.03	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.80	.27
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.06	.02

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.41	99.29	99.26	99.02	99.24	100.00	94.59	100.00	75.20	89.91
0.03	99.74	99.62	99.67	99.79	99.71	100.00	99.99	100.00	89.60	96.45
0.10	99.89	99.75	99.83	99.89	99.84	100.00	99.99	100.00	95.20	98.36
0.50	99.96	99.99	99.99	99.96	99.98	100.00	99.99	100.00	99.20	99.72
1.00	99.96	99.99	99.99	99.99	99.99	100.00	99.99	100.00	99.20	99.72
1.50	99.96	99.99	99.99	99.99	99.99	100.00	99.99	100.00	99.20	99.72
2.00	99.96	99.99	99.99	99.99	99.99	100.00	99.99	100.00	99.20	99.72

NUMBER OF SAMPLES FOR BHC										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2714	2386	2425	2953	10478	91	105	40	94	330
TRACE-0.03	9	8	10	23	50	0	6	0	18	24
0.04 -0.10	4	3	4	3	14	0	0	0	7	7
0.11 -0.50	2	6	4	2	14	0	0	0	5	5
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	1	0	0	0	1	0	0	0	1	1
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367





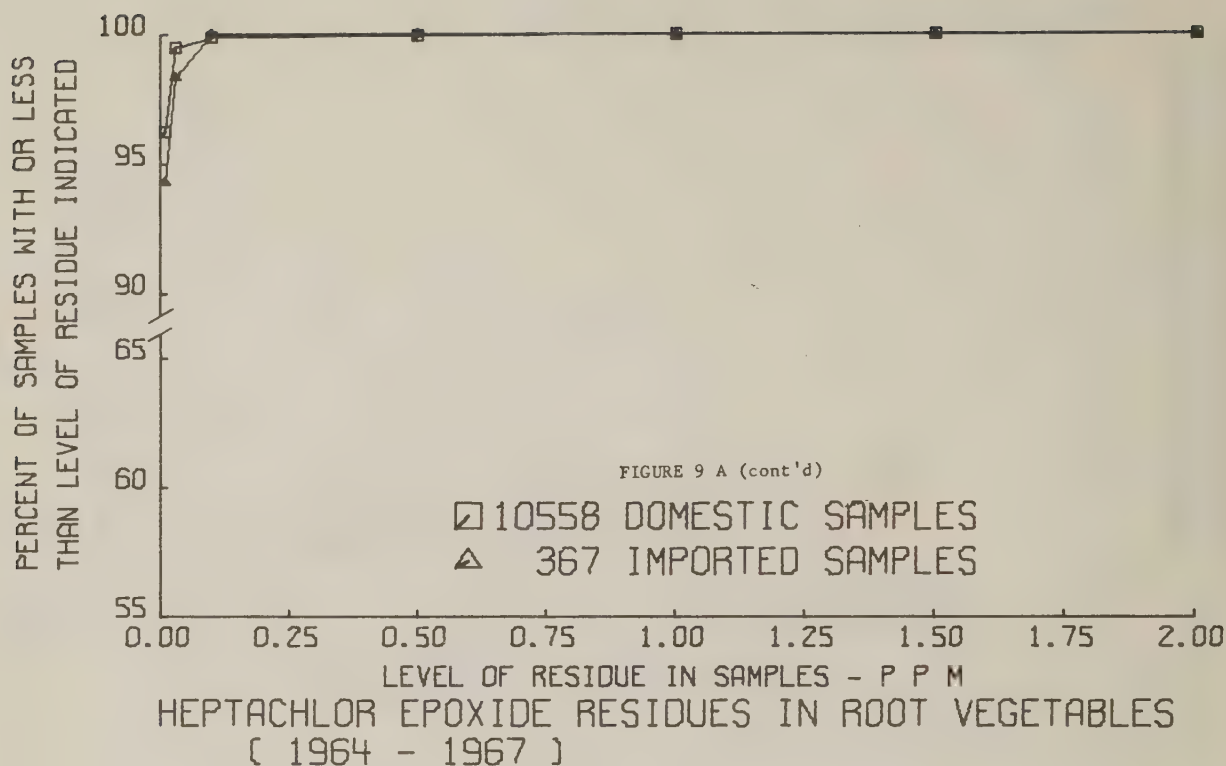
ROOT VEGETABLES

TABLE 9 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	90.84	95.25	95.74	97.41	94.83	100.00	100.00	100.00	99.20	99.72
TRACE-0.03	6.77	4.28	2.41	2.24	3.92	0.00	0.00	0.00	.80	.27
0.04 -0.10	1.94	.29	1.51	.30	1.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.43	.16	.32	.03	.23	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	90.84	95.25	95.74	97.41	94.83	100.00	100.00	100.00	99.20	99.72
0.03	97.61	99.54	98.15	99.66	98.75	100.00	100.00	100.00	100.00	99.99
0.10	99.56	99.83	99.67	99.96	99.76	100.00	100.00	100.00	100.00	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	99.99

NUMBER OF SAMPLES FOR ENDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2480	2289	2339	2905	10013	91	111	40	124	366
TRACE-0.03	185	103	59	67	414	0	0	0	1	1
0.04 -0.10	53	7	37	9	106	0	0	0	0	0
0.11 -0.50	12	4	8	1	25	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367



ROOT VEGETABLES

TABLE 9 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.36	94.96	97.01	95.60	96.23	98.90	87.38	90.00	98.40	94.27
TRACE-0.03	2.41	4.36	2.66	3.68	3.27	0.00	9.00	7.50	1.60	4.08
0.04 -0.10	.21	.58	.32	.36	.36	1.09	3.60	2.50	0.00	1.63
0.11 -0.50	0.00	.08	0.00	.20	.07	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	.03	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	.03	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	.06	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.36	94.96	97.01	95.60	96.23	98.90	87.38	90.00	98.40	94.27
0.03	99.78	99.33	99.67	99.29	99.51	98.90	96.39	97.50	100.00	98.36
0.10	99.99	99.91	99.99	99.66	99.88	99.99	99.99	100.00	100.00	99.99
0.50	99.99	99.99	99.99	99.86	99.96	99.99	99.99	100.00	100.00	99.99
1.00	99.99	99.99	99.99	99.89	99.97	99.99	99.99	100.00	100.00	99.99
1.50	99.99	99.99	99.99	99.93	99.98	99.99	99.99	100.00	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99

NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2658	2282	2370	2851	10161	90	97	36	123	346
TRACE-0.03	66	105	65	110	346	0	10	3	2	15
0.04 -0.10	6	14	8	11	39	1	4	1	0	6
0.11 -0.50	0	2	0	6	8	0	0	0	0	0
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	0	1	1	0	0	0	0	0
1.51 -2.00	0	0	0	2	2	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367

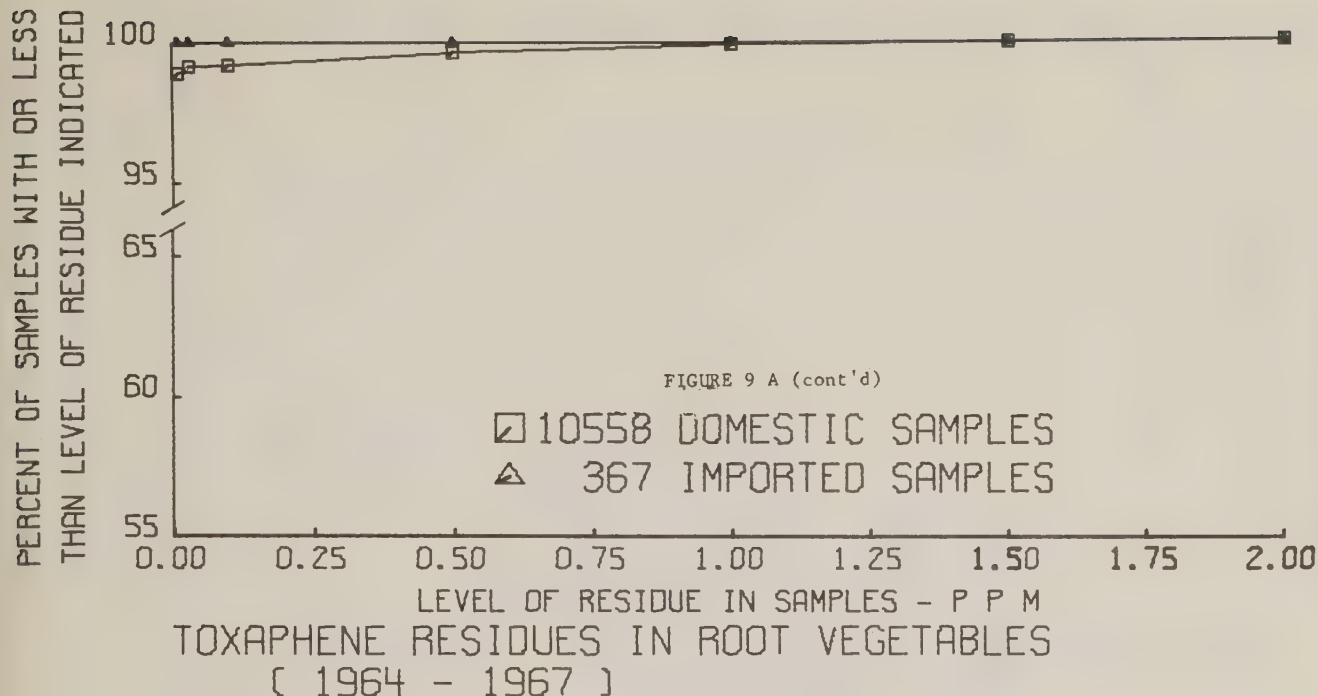


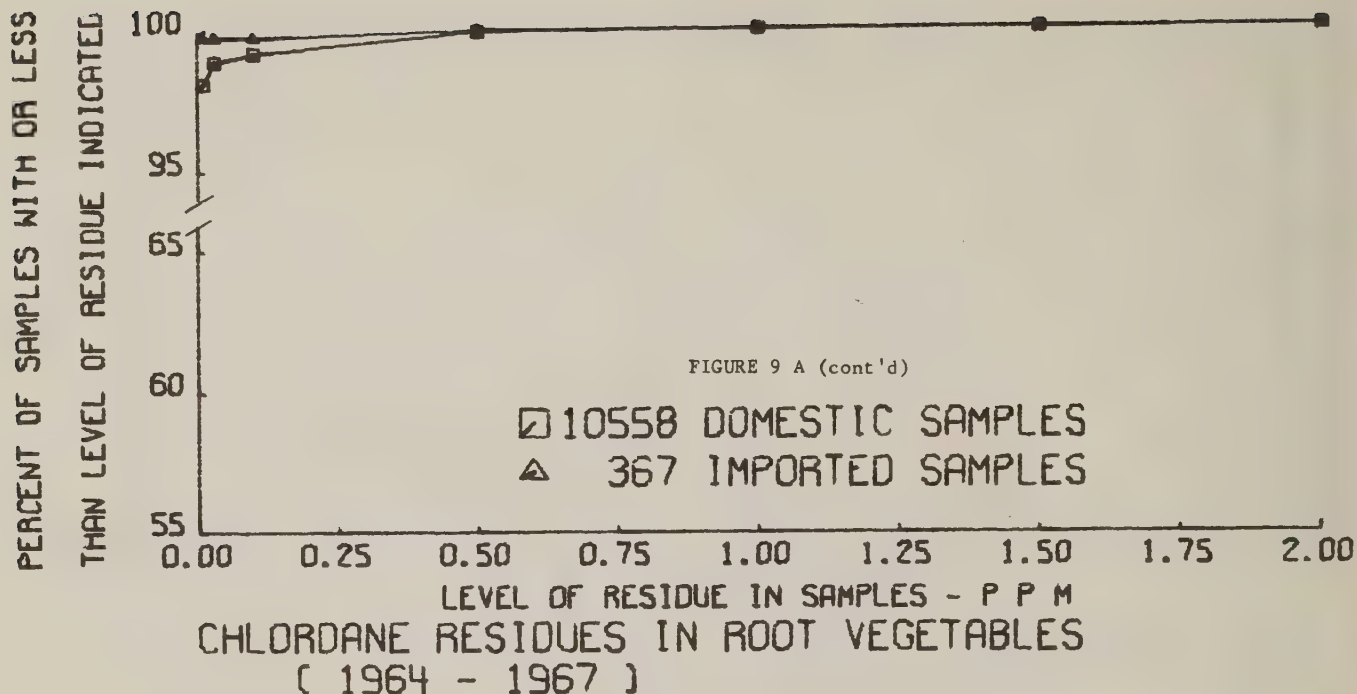
TABLE 9 A (cont'd)

ROOT VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.80	99.37	99.09	99.32	98.89	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	.43	.16	.16	.30	.27	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.03	.04	.04	.03	.03	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.95	.16	.53	.16	.45	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.54	.20	.16	.13	.26	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.18	0.00	0.00	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.03	.04	0.00	.03	.02	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.80	99.37	99.09	99.32	98.89	100.00	100.00	100.00	100.00	100.00
0.03	98.24	99.54	99.26	99.63	99.16	100.00	100.00	100.00	100.00	100.00
0.10	98.27	99.58	99.30	99.66	99.20	100.00	100.00	100.00	100.00	100.00
0.50	99.23	99.75	99.83	99.83	99.65	100.00	100.00	100.00	100.00	100.00
1.00	99.78	99.95	99.99	99.96	99.92	100.00	100.00	100.00	100.00	100.00
1.50	99.96	99.95	99.99	99.96	99.97	100.00	100.00	100.00	100.00	100.00
2.00	99.96	99.95	99.99	99.96	99.97	100.00	100.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2670	2388	2421	2962	10441	91	111	40	125	367
TRACE-0.03	12	4	4	9	29	0	0	0	0	0
0.04 -0.10	1	1	1	1	4	0	0	0	0	0
0.11 -0.50	26	4	13	5	48	0	0	0	0	0
0.51 -1.00	15	5	4	4	28	0	0	0	0	0
1.01 -1.50	5	0	0	0	5	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	1	1	0	1	3	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367



ROOT VEGETABLES

TABLE 9 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR CHLORDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.13	97.87	97.74	98.59	98.11	100.00	99.09	100.00	100.00	99.72
TRACE-0.03	.43	.79	1.18	.67	.75	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.62	.29	.24	.10	.31	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.76	.99	.77	.57	.76	0.00	.90	0.00	0.00	.27
0.51 -1.00	.03	.04	0.00	.03	.02	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	.03	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR CHLORDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.13	97.87	97.74	98.59	98.11	100.00	99.09	100.00	100.00	99.72
0.03	98.57	98.66	98.93	99.26	98.87	100.00	99.09	100.00	100.00	99.72
0.10	99.19	98.95	99.18	99.36	99.18	100.00	99.09	100.00	100.00	99.72
0.50	99.96	99.95	99.95	99.93	99.95	100.00	99.99	100.00	100.00	99.99
1.00	99.99	99.99	99.95	99.96	99.98	100.00	99.99	100.00	100.00	99.99
1.50	99.99	99.99	99.95	99.99	99.99	100.00	99.99	100.00	100.00	99.99
2.00	99.99	99.99	99.95	99.99	99.99	100.00	99.99	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR CHLORDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2679	2352	2388	2940	10359	91	110	40	125	366
TRACE-0.03	12	19	29	20	80	0	0	0	0	0
0.04 -0.10	17	7	6	3	33	0	0	0	0	0
0.11 -0.50	21	24	19	17	81	0	1	0	0	1
0.51 -1.00	1	1	0	1	3	0	0	0	0	0
1.01 -1.50	0	0	0	1	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	1	0	1	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367

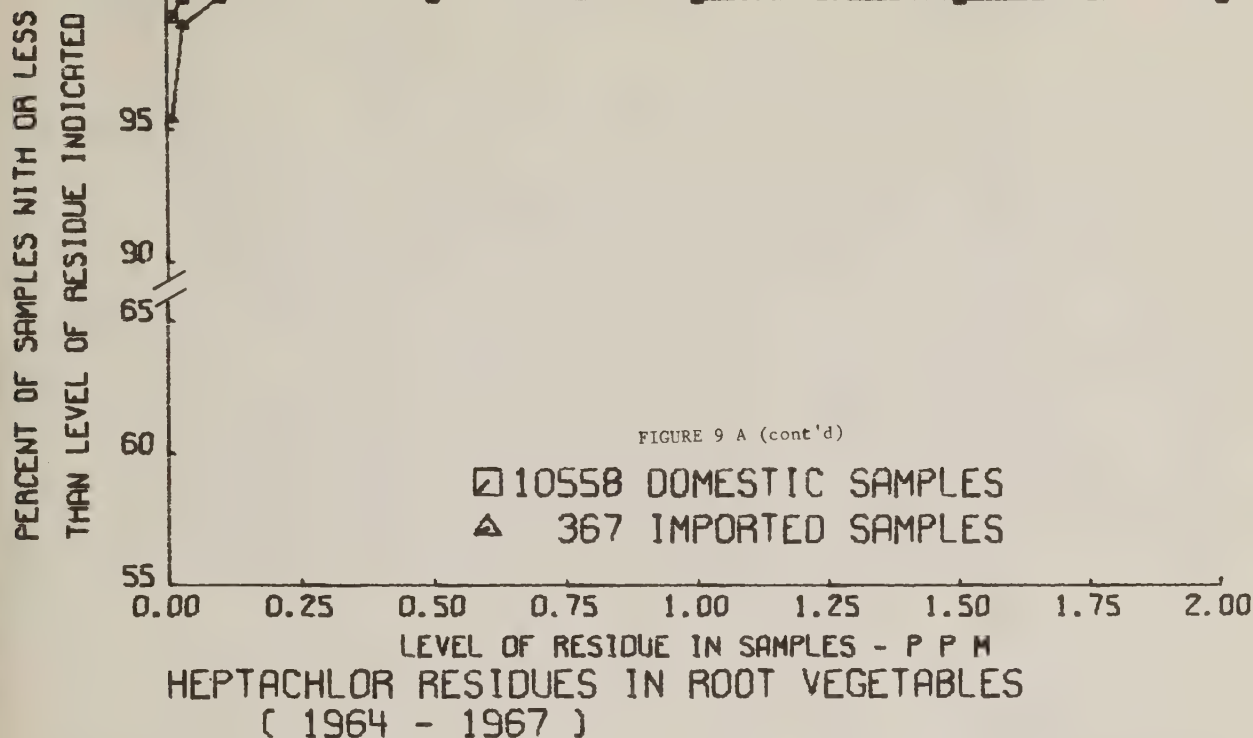


TABLE 9 A (cont'd)

ROOT VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.63	98.50	99.22	99.32	99.19	100.00	89.18	90.00	99.20	95.36
TRACE-0.03	.32	1.41	.65	.63	.73	0.00	8.10	7.50	.80	3.54
0.04 -0.10	.03	.08	.12	.03	.06	0.00	2.70	2.50	0.00	1.08
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.63	98.50	99.22	99.32	99.19	100.00	89.18	90.00	99.20	95.36
0.03	99.96	99.91	99.87	99.96	99.93	100.00	97.29	97.50	100.00	98.91
0.10	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	100.00	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	100.00	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	100.00	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	100.00	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR HEPTACHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2720	2367	2424	2962	10473	91	99	36	124	350
TRACE-0.03	9	34	16	19	78	0	9	3	1	13
0.04 -0.10	1	2	3	1	7	0	3	1	0	4
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	2730	2403	2443	2982	10558	91	111	40	125	367



TABLE 9 A (cont'd)

## ROOT VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	98.65	99.26	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	0.00	1.00	.55	0.00	0.00	0.00	0.00	0.00
-0.04 -0.10	0.00	0.00	0.00	.26	.14	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.03	.01	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	.03	.01	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	98.65	99.26	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	100.00	99.66	99.81	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	100.00	99.93	99.96	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	100.00	99.96	99.98	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	2443	2942	5385	0	0	40	125	165
TRACE-0.03	0	0	0	30	30	0	0	0	0	0
0.04 -0.10	0	0	0	8	8	0	0	0	0	0
0.11 -0.50	0	0	0	1	1	0	0	0	0	0
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	2443	2982	5425	0	0	40	125	165

TABLE 9 A (cont'd)

## ROOT VEGETABLES

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.83	98.55	99.13	0.00	0.00	100.00	83.20	87.27
TRACE-0.03	0.00	0.00	.08	1.17	.68	0.00	0.00	0.00	5.60	4.24
0.04 -0.10	0.00	0.00	0.00	.20	.11	0.00	0.00	0.00	8.00	6.06
0.11 -0.50	0.00	0.00	.08	.06	.07	0.00	0.00	0.00	3.20	2.42
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.83	98.55	99.13	0.00	0.00	100.00	83.20	87.27
0.03	0.00	0.00	99.91	99.73	99.81	0.00	0.00	100.00	88.80	91.51
0.10	0.00	0.00	99.91	99.93	99.92	0.00	0.00	100.00	96.80	97.57
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	99.99
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	99.99
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	2439	2939	5378	0	0	40	104	144
TRACE-0.03	0	0	2	35	37	0	0	0	7	7
0.04 -0.10	0	0	0	6	6	0	0	0	10	10
0.11 -0.50	0	0	2	2	4	0	0	0	4	4
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	2443	2982	5425	0	0	40	125	165

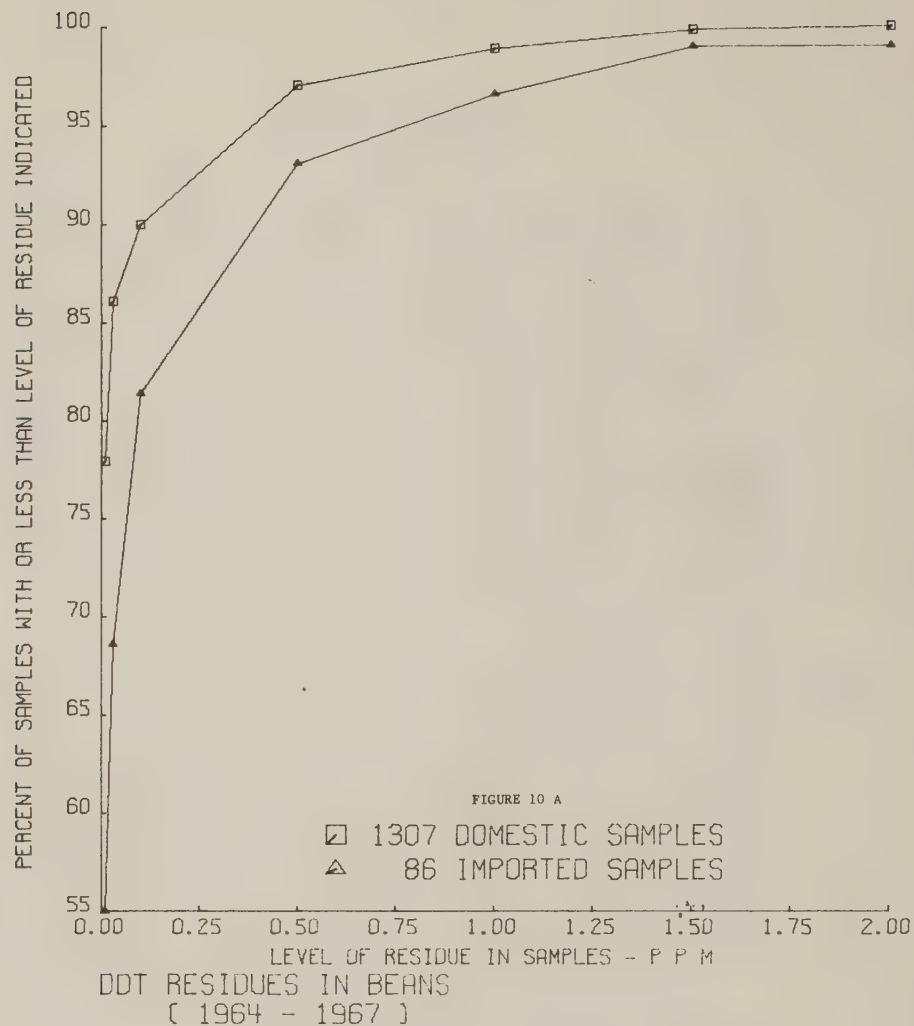
## ROOT VEGETABLES

TABLE 9 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR METACIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.91	99.69	99.79	0.00	0.00	100.00	98.40	98.78
TRACE-0.03	0.00	0.00	.04	.13	.09	0.00	0.00	0.00	1.60	1.21
0.04 -0.10	0.00	0.00	.04	.10	.07	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.03	.01	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	.03	.01	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR METACIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.91	99.69	99.79	0.00	0.00	100.00	98.40	98.78
0.03	0.00	0.00	99.95	99.83	99.88	0.00	0.00	100.00	100.00	99.99
0.10	0.00	0.00	99.99	99.93	99.96	0.00	0.00	100.00	100.00	99.99
0.50	0.00	0.00	99.99	99.96	99.98	0.00	0.00	100.00	100.00	99.99
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	99.99
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	99.99

NUMBER OF SAMPLES FOR METACIDE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	2441	2973	5414	0	0	40	123	163
TRACE-0.03	0	0	1	4	5	0	0	0	2	2
0.04 -0.10	0	0	1	3	4	0	0	0	0	0
0.11 -0.50	0	0	0	1	1	0	0	0	0	0
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	2443	2982	5425	0	0	40	125	165



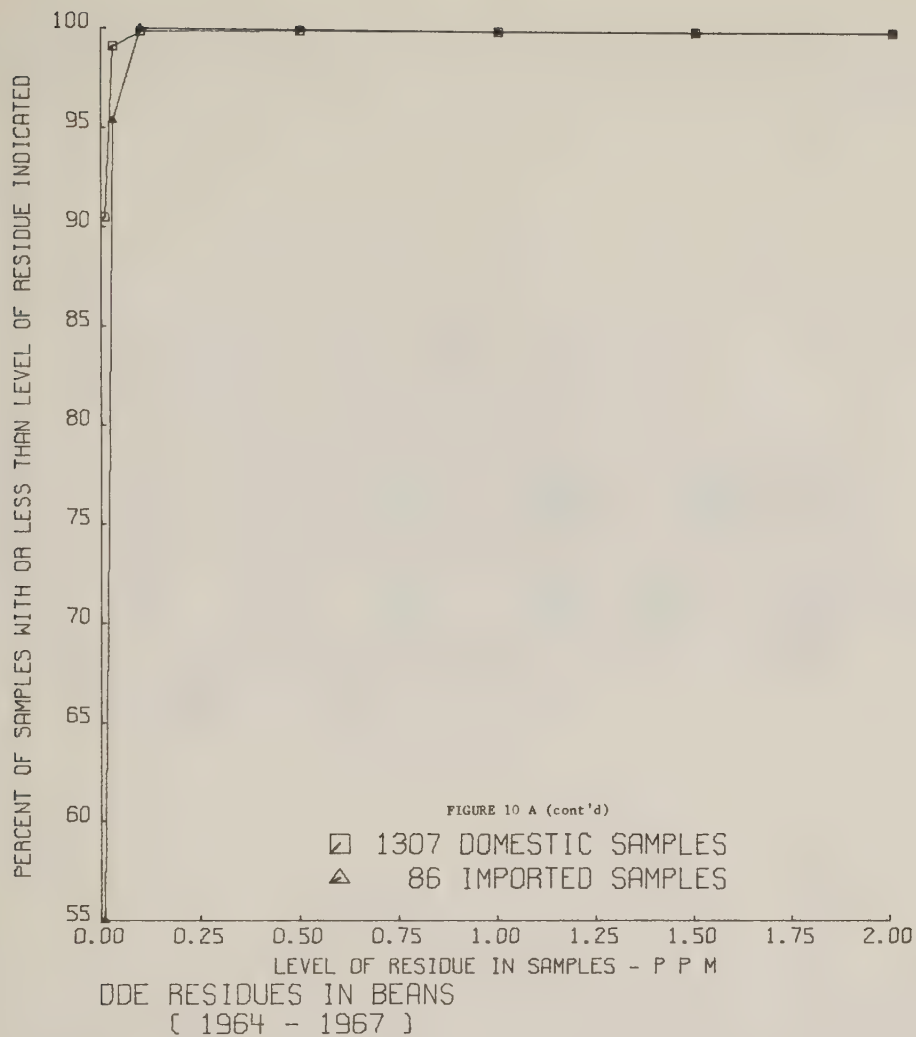
BEANS

TABLE 10 A

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	78.67	78.13	77.73	77.37	77.96	100.00	75.00	37.14	34.09	39.53
TRACE-0.03	4.89	6.09	11.64	9.76	8.11	0.00	0.00	40.00	25.00	29.06
0.04 -0.10	2.59	5.73	3.76	3.85	2.90	0.00	0.00	11.42	15.90	12.79
0.11 -0.50	9.79	5.37	5.82	6.68	7.03	0.00	25.00	5.71	15.90	11.62
0.51 -1.00	3.17	2.15	0.00	1.54	1.75	0.00	0.00	2.85	4.54	3.48
1.01 -1.50	.57	1.79	.68	.77	.91	0.00	0.00	2.85	2.27	2.32
1.51 -2.00	.28	0.00	.34	0.00	.15	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	.71	0.00	0.00	.15	0.00	0.00	0.00	2.27	1.16
AVERAGE PPM	.07	.23	.04	.05	.09	0.00	.08	.09	.18	.13

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	78.67	78.13	77.73	77.37	77.96	100.00	75.00	37.14	34.09	39.53
0.03	83.57	84.22	89.38	87.14	86.07	100.00	75.00	77.14	59.09	68.60
0.10	86.16	89.96	93.15	91.00	89.97	100.00	75.00	86.57	74.99	81.39
0.50	95.96	95.34	98.97	97.68	97.01	100.00	100.00	94.28	90.90	93.02
1.00	99.13	97.49	98.97	99.22	98.77	100.00	100.00	97.14	95.45	96.51
1.50	99.71	99.28	99.65	99.99	99.69	100.00	100.00	99.99	97.72	98.83
2.00	99.99	99.28	99.99	99.99	99.84	100.00	100.00	99.99	97.72	98.83

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	273	218	227	301	1019	3	3	13	15	34
TRACE-0.03	17	17	34	38	106	0	0	14	11	25
0.04 -0.10	9	16	11	15	51	0	0	4	7	11
0.11 -0.50	34	15	17	26	92	0	1	2	7	10
0.51 -1.00	11	6	0	6	23	0	0	1	2	3
1.01 -1.50	2	5	2	3	12	0	0	1	1	2
1.51 -2.00	1	0	1	0	2	0	0	0	0	0
ABOVE 2.00	0	2	0	0	2	0	0	0	1	1
TOTAL	347	279	292	389	1307	3	4	35	44	86



BEANS

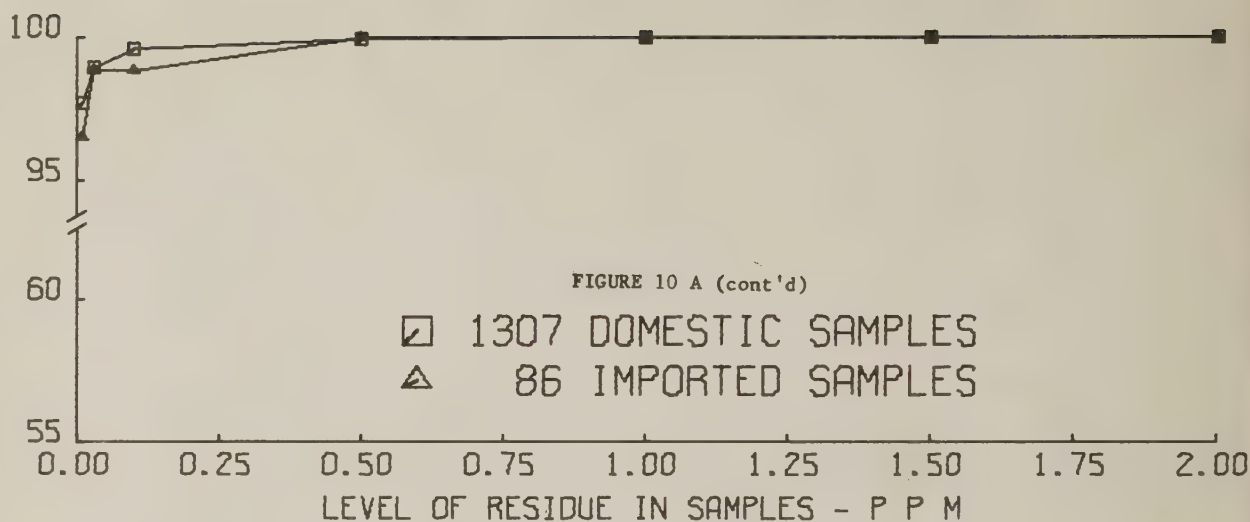
TABLE 10 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	91.35	93.18	88.69	89.20	90.51	100.00	100.00	45.71	52.27	53.48
TRACE-0.03	6.91	6.81	10.27	10.02	8.56	0.00	0.00	48.57	43.18	41.86
0.04 -0.10	1.44	0.00	.68	.77	.76	0.00	0.00	5.71	4.54	4.65
0.11 -0.50	0.00	0.00	.34	0.00	.07	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.28	0.00	0.00	0.00	.07	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	91.35	93.18	88.69	89.20	90.51	100.00	100.00	45.71	52.27	53.48
0.03	98.27	99.99	98.97	99.22	99.08	100.00	100.00	94.28	95.45	95.34
0.10	99.71	99.99	99.65	99.99	99.84	100.00	100.00	99.99	99.99	99.99
0.50	99.71	99.99	99.99	99.99	99.92	100.00	100.00	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99

NUMBER OF SAMPLES FOR DDE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	317	260	259	347	1183	3	4	16	23	46
TRACE-0.03	24	19	30	39	112	0	0	17	19	36
0.04 -0.10	5	0	2	3	10	0	0	2	2	4
0.11 -0.50	0	0	1	0	1	0	0	0	0	0
0.51 -1.00	1	0	0	0	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	347	279	292	389	1307	3	4	35	44	86

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



TDE RESIDUES IN BEANS  
( 1964 - 1967 )

TABLE 10 A (cont'd)

BEANS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.25	98.20	98.63	97.94	97.70	100.00	100.00	94.28	97.72	96.51
TRACE-0.03	1.44	1.43	.68	1.28	1.22	0.00	0.00	5.71	0.00	2.32
0.04 -0.10	1.44	.35	0.00	.77	.68	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.57	0.00	.68	0.00	.30	0.00	0.00	0.00	2.27	1.16
0.51 -1.00	.28	0.00	0.00	0.00	.07	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.25	98.20	98.63	97.94	97.70	100.00	100.00	94.28	97.72	96.51
0.03	97.69	99.64	99.31	99.22	98.92	100.00	100.00	99.99	97.72	98.83
0.10	99.13	99.99	99.31	99.99	99.61	100.00	100.00	99.99	97.72	98.83
0.50	99.71	99.99	99.99	99.99	99.92	100.00	100.00	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	334	274	288	381	1277	3	4	33	43	83
TRACE-0.03	5	4	2	5	16	0	0	2	0	2
0.04 -0.10	5	1	0	3	9	0	0	0	0	0
0.11 -0.50	2	0	2	0	4	0	0	0	1	1
0.51 -1.00	1	0	0	0	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	347	279	292	389	1307	3	4	35	44	86



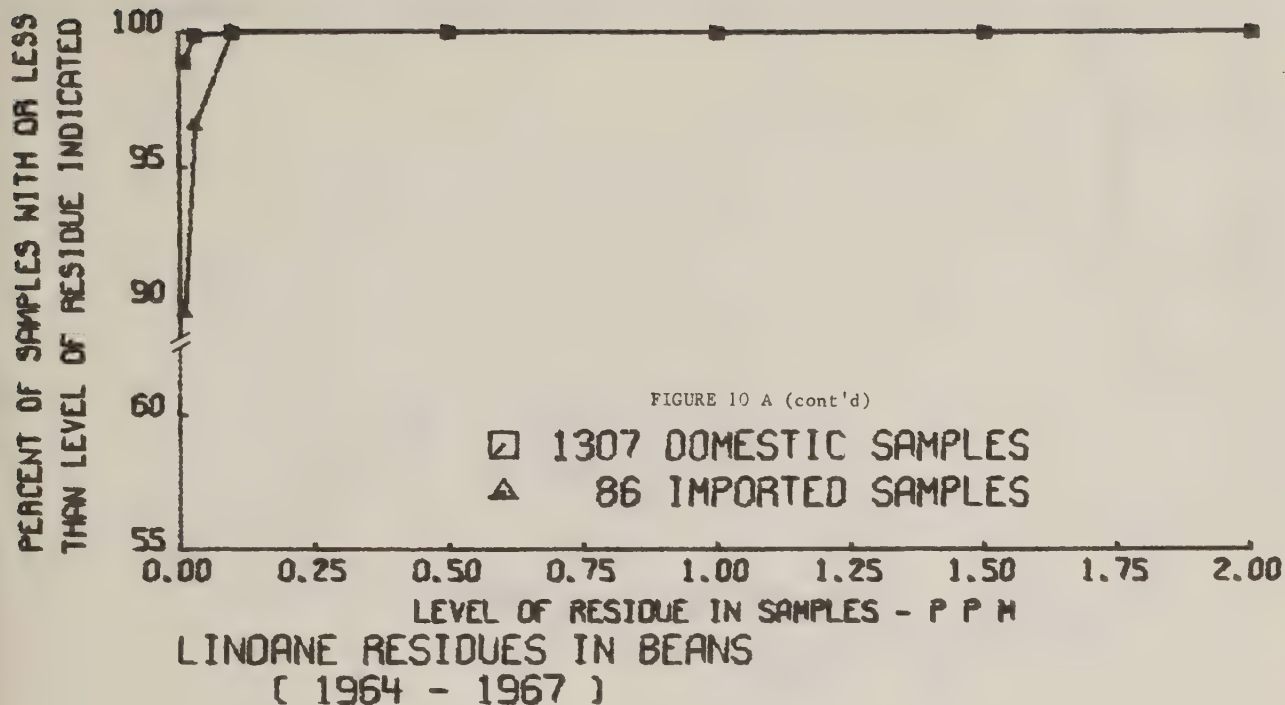


TABLE 10 A (cont'd)

BEANS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.42	97.84	100.00	98.20	98.85	100.00	100.00	94.28	84.09	89.53
TRACE-0.03	.57	2.15	0.00	1.28	.99	0.00	0.00	0.00	13.63	6.97
0.04 -0.10	0.00	0.00	0.00	.25	.07	0.00	0.00	5.71	2.27	3.48
0.11 -0.50	0.00	0.00	0.00	.25	.07	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.42	97.84	100.00	98.20	98.85	100.00	100.00	94.28	84.09	89.53
0.03	99.99	99.99	100.00	99.48	99.84	100.00	100.00	94.28	97.72	96.51
0.10	99.99	99.99	100.00	99.74	99.92	100.00	100.00	99.99	99.99	99.99
0.50	99.99	99.99	100.00	99.99	99.99	100.00	100.00	99.99	99.99	99.99
1.00	99.99	99.99	100.00	99.99	99.99	100.00	100.00	99.99	99.99	99.99
1.50	99.99	99.99	100.00	99.99	99.99	100.00	100.00	99.99	99.99	99.99
2.00	99.99	99.99	100.00	99.99	99.99	100.00	100.00	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	345	273	292	382	1292	3	4	33	37	77
TRACE-0.03	2	6	0	5	13	0	0	0	6	6
0.04 -0.10	0	0	0	1	1	0	0	2	1	3
0.11 -0.50	0	0	0	1	1	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	347	279	292	389	1307	3	4	35	44	86

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

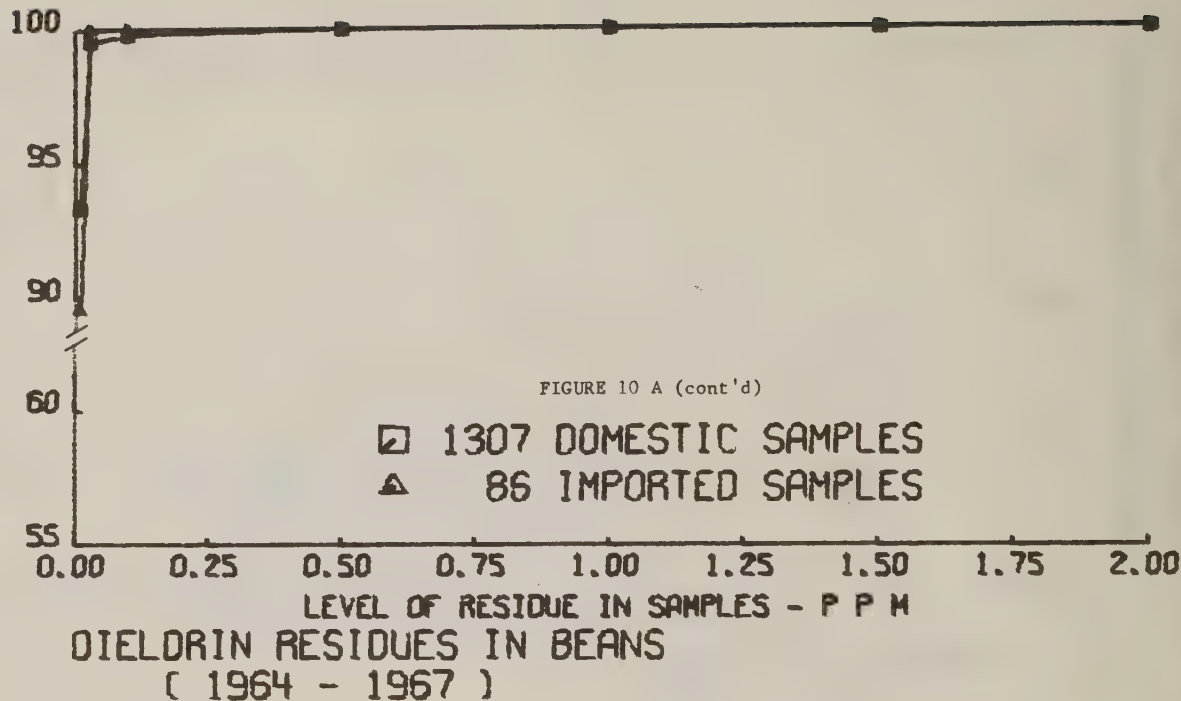


FIGURE 10 A (cont'd)

□ 1307 DOMESTIC SAMPLES  
△ 86 IMPORTED SAMPLES

LEVEL OF RESIDUE IN SAMPLES - P P M  
DIELDRIN RESIDUES IN BEANS  
( 1964 - 1967 )

BEANS

TABLE 10 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	90.77	95.69	96.91	91.25	93.34	100.00	75.00	85.71	93.18	89.53
TRACE-0.03	8.35	3.94	3.08	8.22	6.19	0.00	25.00	14.28	6.81	10.46
0.04 -0.10	.28	.35	0.00	.25	.22	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.57	0.00	0.00	.25	.22	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	90.77	95.69	96.91	91.25	93.34	100.00	75.00	85.71	93.18	89.53
0.03	99.13	99.64	99.99	99.48	99.54	100.00	100.00	99.99	99.99	99.99
0.10	99.42	99.99	99.99	99.74	99.77	100.00	100.00	99.99	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99

NUMBER OF SAMPLES FOR DIELDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	315	267	283	355	1220	3	3	30	41	77
TRACE-0.03	29	11	9	32	81	0	1	5	3	9
0.04 -0.10	1	1	0	1	3	0	0	0	0	0
0.11 -0.50	2	0	0	1	3	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	347	279	292	389	1307	3	4	35	44	86

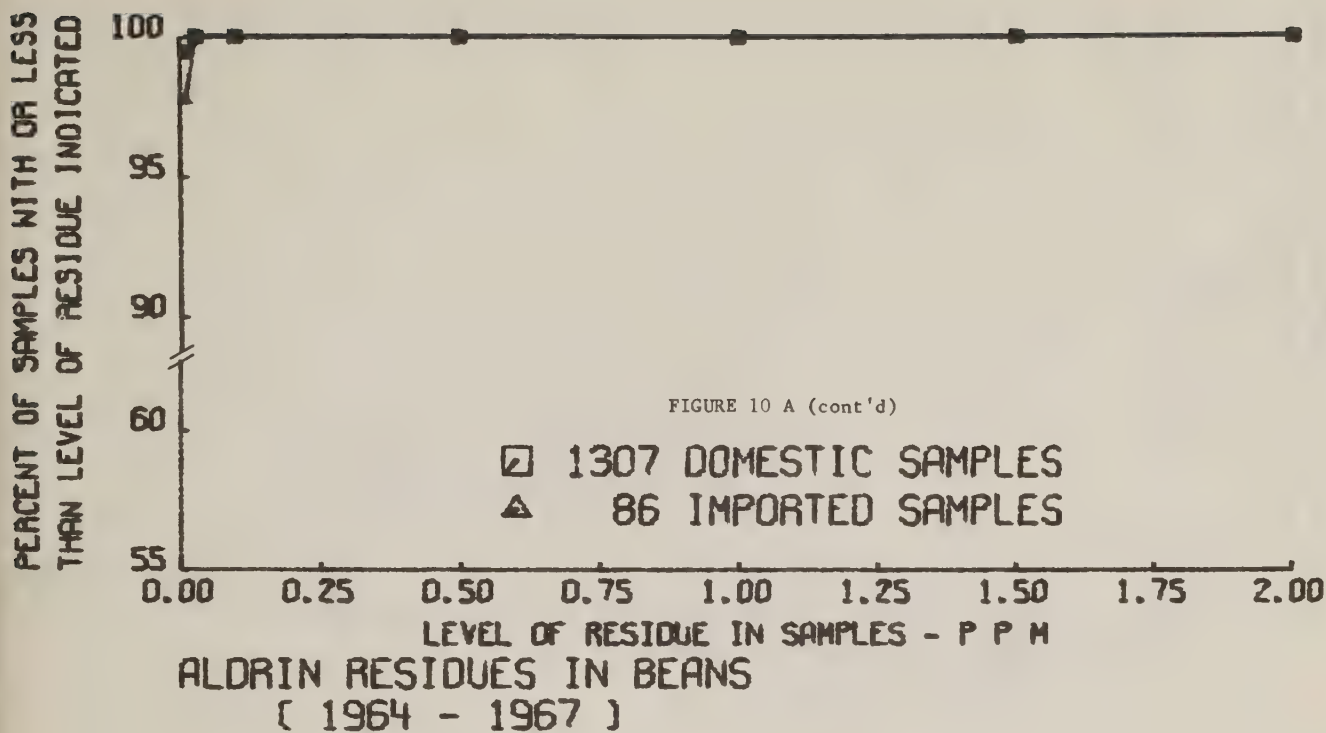


TABLE 10 A (cont'd)

BEANS

DOMESTIC						IMPORTED					
PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN											
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL	
NONE FOUND	100.00	98.56	99.65	99.48	99.46	100.00	75.00	100.00	97.72	97.67	
TRACE-0.03	0.00	1.43	.34	.51	.53	0.00	25.00	0.00	2.27	2.32	
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	

CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN										
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	98.56	99.65	99.48	99.46	100.00	75.00	100.00	97.72	97.67
0.03	100.00	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
0.10	100.00	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
0.50	100.00	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.00	100.00	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	100.00	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	100.00	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

NUMBER OF SAMPLES FOR ALDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	347	275	291	387	1300	3	3	35	43	84
TRACE-0.03	0	4	1	2	7	0	1	0	1	2
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	347	279	292	389	1307	3	4	35	44	86

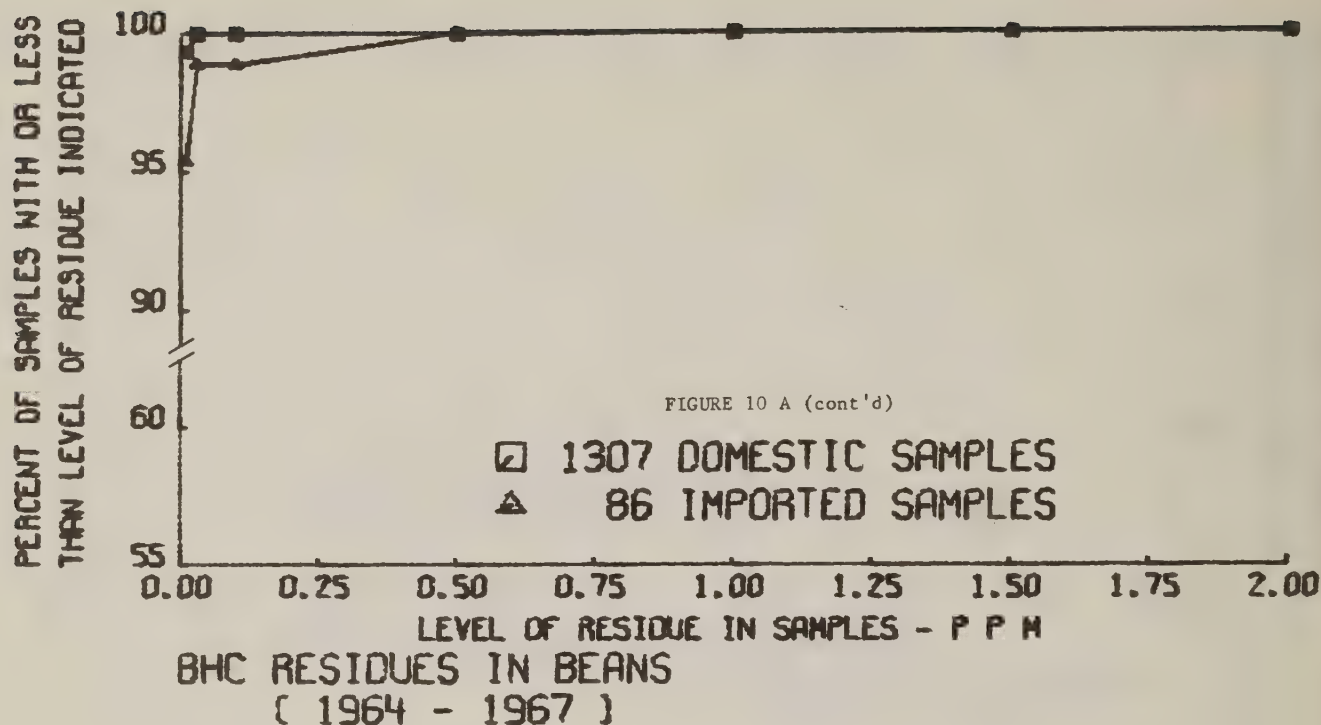


TABLE 10 A (cont'd)

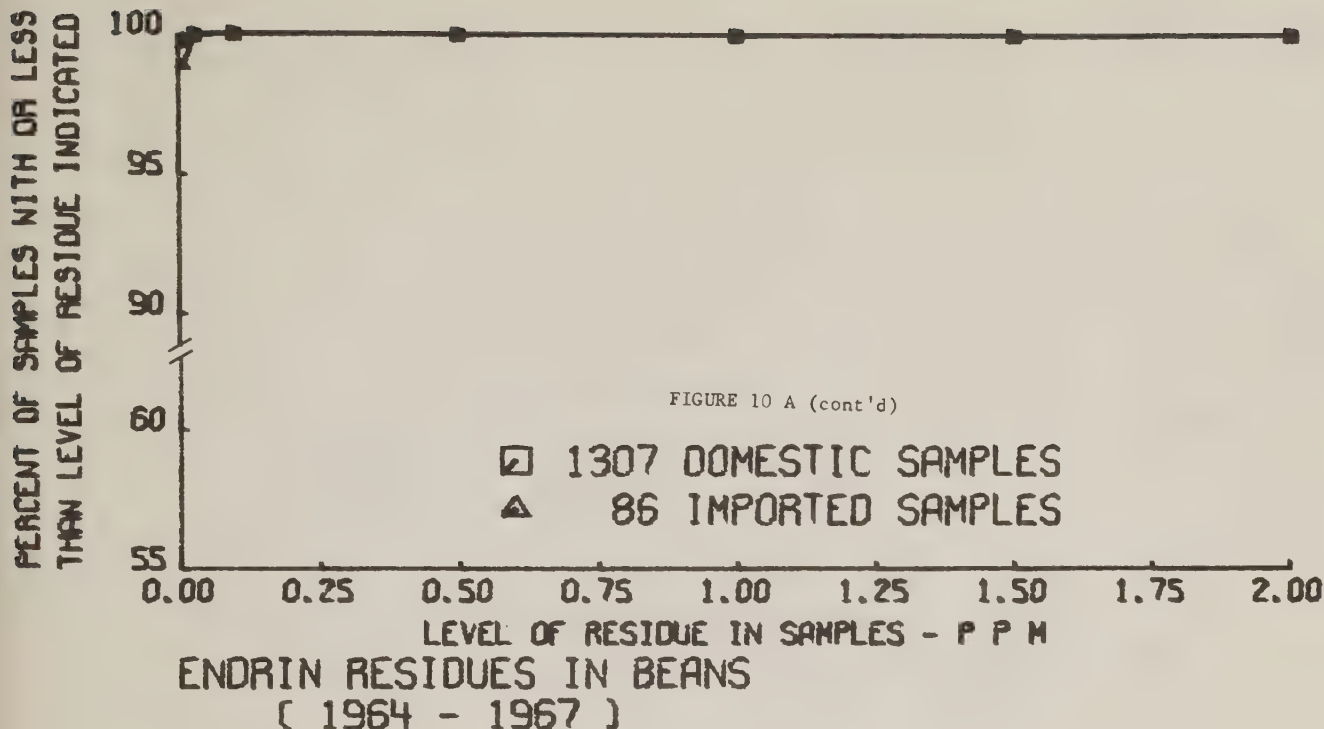
BEANS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.71	99.28	98.97	99.22	99.31	100.00	100.00	94.28	95.45	95.34
TRACE-0.03	.28	.35	1.02	.77	.61	0.00	0.00	5.71	2.27	3.48
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.27	1.16
0.51 -1.00	0.00	.35	0.00	0.00	.07	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.71	99.28	98.97	99.22	99.31	100.00	100.00	94.28	95.45	95.34
0.03	99.99	99.64	99.99	99.99	99.92	100.00	100.00	99.99	97.72	98.83
0.10	99.99	99.64	99.99	99.99	99.92	100.00	100.00	99.99	97.72	98.83
0.50	99.99	99.64	99.99	99.99	99.92	100.00	100.00	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	346	277	289	386	1298	3	4	33	42	82
TRACE-0.03	1	1	3	3	8	0	0	2	1	3
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	1	1
0.51 -1.00	0	1	0	0	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	347	279	292	389	1307	3	4	35	44	86





BEANS

TABLE 10 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.42	100.00	99.65	99.74	99.69	100.00	100.00	100.00	97.72	98.83
TRACE-0.03	.57	0.00	0.00	.25	.22	0.00	0.00	0.00	2.27	1.16
0.04 -0.10	0.00	0.00	.34	0.00	.07	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.42	100.00	99.65	99.74	99.69	100.00	100.00	100.00	97.72	98.83
0.03	99.99	100.00	99.65	99.99	99.92	100.00	100.00	100.00	99.99	99.99
0.10	99.99	100.00	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
0.50	99.99	100.00	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.00	99.99	100.00	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	99.99	100.00	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	99.99	100.00	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

NUMBER OF SAMPLES FOR ENDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	345	279	291	388	1303	3	4	35	43	85
TRACE-0.03	2	0	0	1	3	0	0	0	1	1
0.04 -0.10	0	0	1	0	1	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	347	279	292	389	1307	3	4	35	44	86



PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

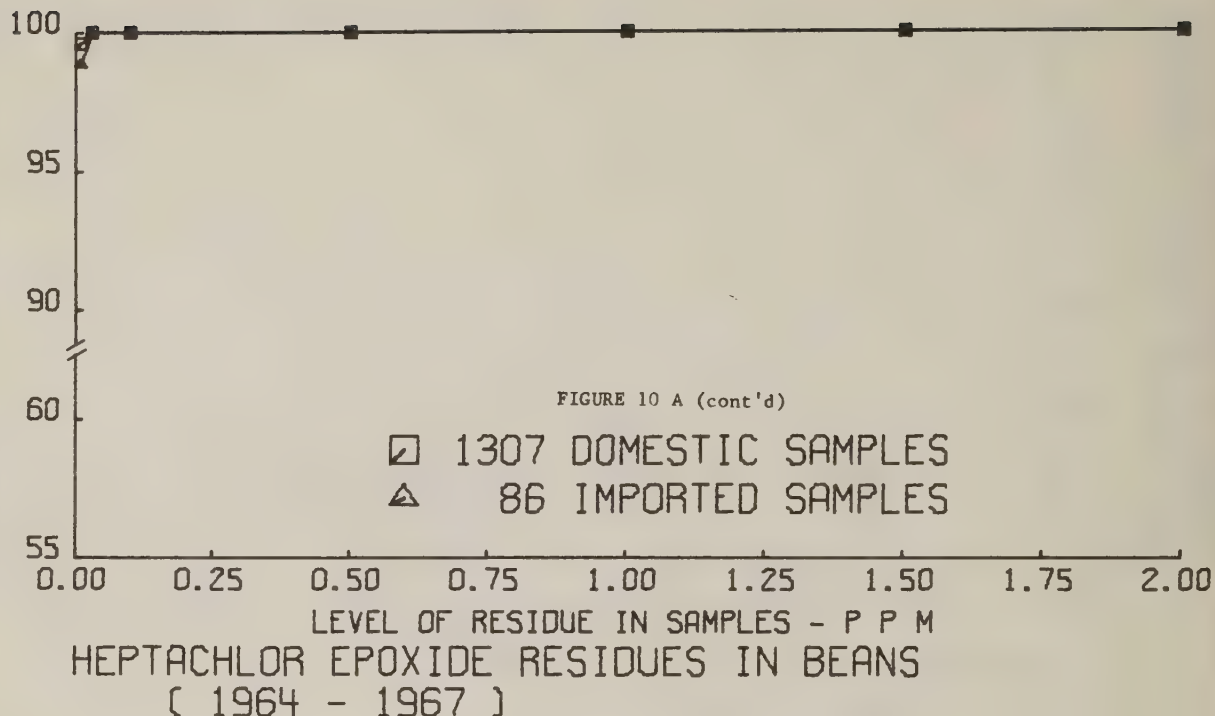


TABLE 10 A (cont'd)

BEANS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.71	99.28	99.65	99.74	99.61	100.00	100.00	100.00	97.72	98.83
TRACE-0.03	.28	.71	.34	.25	.38	0.00	0.00	0.00	2.27	1.16
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.71	99.28	99.65	99.74	99.61	100.00	100.00	100.00	97.72	98.83
0.03	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
0.10	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	346	277	291	388	1302	3	4	35	43	85
TRACE-0.03	1	2	1	1	5	0	0	0	1	1
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	347	279	292	389	1307	3	4	35	44	86

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

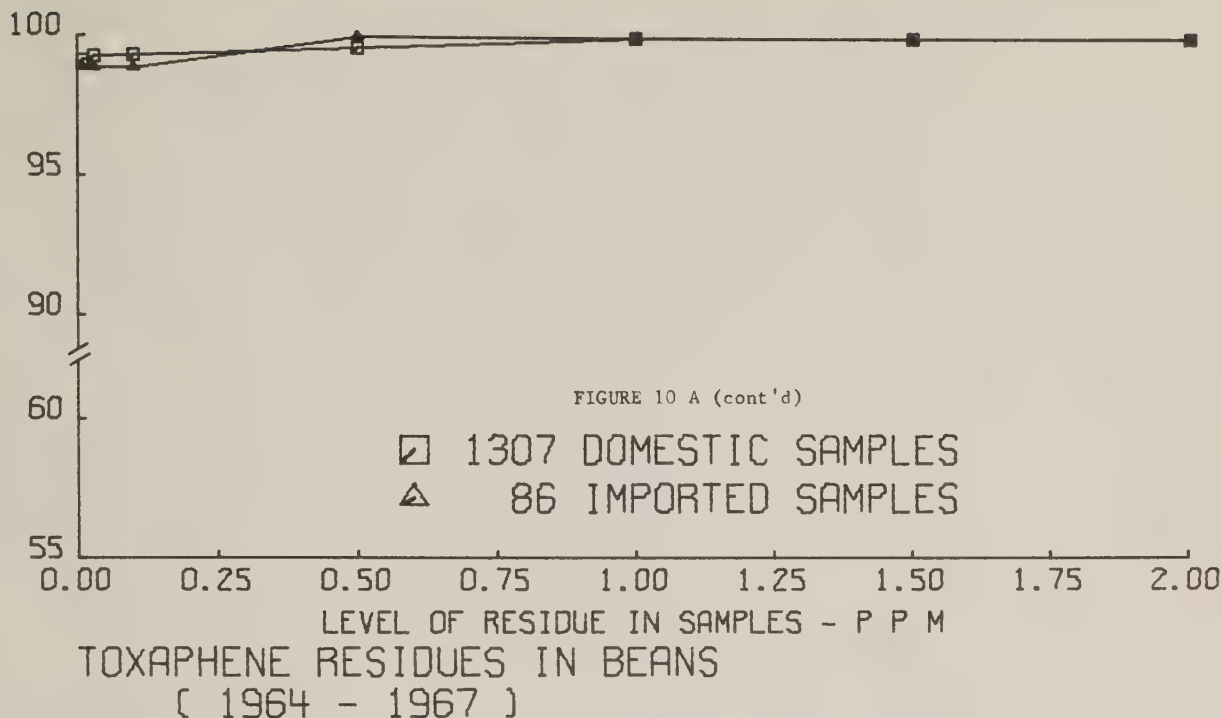


TABLE 10 A (cont'd)

BEANS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.40	100.00	99.31	99.74	99.08	100.00	100.00	97.14	100.00	98.83
TRACE-0.03	.28	0.00	0.00	.25	.15	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.28	0.00	0.00	0.00	.07	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.86	0.00	.34	0.00	.30	0.00	0.00	2.85	0.00	1.16
0.51 -1.00	1.15	0.00	.34	0.00	.38	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.40	100.00	99.31	99.74	99.08	100.00	100.00	97.14	100.00	98.83
0.03	97.69	100.00	99.31	99.99	99.23	100.00	100.00	97.14	100.00	98.83
0.10	97.98	100.00	99.31	99.99	99.31	100.00	100.00	97.14	100.00	98.83
0.50	98.84	100.00	99.65	99.99	99.61	100.00	100.00	99.99	100.00	99.99
1.00	99.99	100.00	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99
1.50	99.99	100.00	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99
2.00	99.99	100.00	99.99	99.99	99.99	100.00	100.00	99.99	100.00	99.99

	NUMBER OF SAMPLES FOR TOXAPHENE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	338	279	290	388	1295	3	4	34	44	85
TRACE-0.03	1	0	0	1	2	0	0	0	0	0
0.04 -0.10	1	0	0	0	1	0	0	0	0	0
0.11 -0.50	3	0	1	0	4	0	0	1	0	1
0.51 -1.00	4	0	1	0	5	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	347	279	292	389	1307	3	4	35	44	86

TABLE 10 A (cont'd)

## BEANS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.31	98.45	98.82	0.00	0.00	94.28	81.81	87.34
TRACE-0.03	0.00	0.00	0.00	.51	.29	0.00	0.00	0.00	11.36	6.32
0.04 -0.10	0.00	0.00	.68	.77	.73	0.00	0.00	5.71	2.27	3.79
0.11 -0.50	0.00	0.00	0.00	.25	.14	0.00	0.00	0.00	4.54	2.53
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR PARATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.31	98.45	98.82	0.00	0.00	94.28	81.81	87.34
0.03	0.00	0.00	99.31	98.97	99.11	0.00	0.00	94.28	93.18	93.67
0.10	0.00	0.00	99.99	99.74	99.85	0.00	0.00	99.99	95.45	97.46
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	99.99	99.99
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	99.99	99.99
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	99.99	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	99.99	99.99

NUMBER OF SAMPLES FOR PARATHION										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	290	383	673	0	0	33	36	69
TRACE-0.03	0	0	0	2	2	0	0	0	5	5
0.04 -0.10	0	0	2	3	5	0	0	2	1	3
0.11 -0.50	0	0	0	1	1	0	0	0	2	2
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	292	389	681	0	0	35	44	79

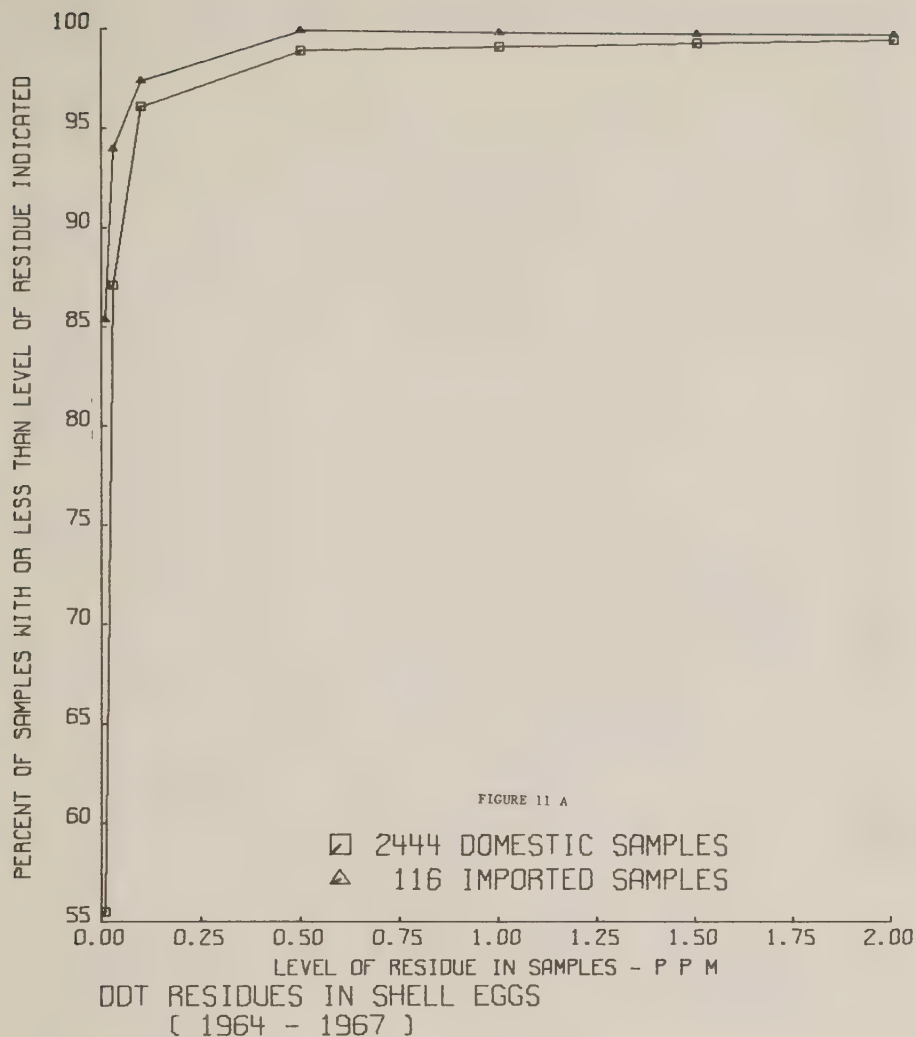
TABLE 10 A (cont'd)

## BEANS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	98.71	99.26	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	0.00	1.02	.58	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	.25	.14	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIAZINON									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	98.71	99.26	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	100.00	99.74	99.85	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00

NUMBER OF SAMPLES FOR DIAZINON										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	292	384	676	0	0	35	44	79
TRACE-0.03	0	0	0	4	4	0	0	0	0	0
0.04 -0.10	0	0	0	1	1	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	292	389	681	0	0	35	44	79



SHELL EGGS

TABLE 11 A

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	60.15	58.26	49.20	54.96	55.48	75.00	92.30	92.68	80.00	85.34
TRACE-0.03	27.41	28.91	31.80	35.00	31.62	15.90	3.84	2.43	20.00	8.62
0.04 -0.10	9.07	8.69	12.80	7.16	9.00	4.54	0.00	4.87	0.00	3.44
0.11 -0.50	1.97	3.69	3.60	2.55	2.86	4.54	3.84	0.00	0.00	2.58
0.51 -1.00	.19	.43	.40	.30	.32	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.59	0.00	.60	0.00	.24	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.19	0.00	.80	0.00	.20	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.39	0.00	.80	0.00	.24	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.04	.03	.08	.02	.04	.02	.01	0.00	0.00	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	60.15	58.26	49.20	54.96	55.48	75.00	92.30	92.68	80.00	85.34
0.03	87.57	87.17	81.00	89.96	87.11	90.90	96.15	95.12	100.00	93.96
0.10	96.64	95.86	93.80	97.13	96.11	95.45	96.15	99.99	100.00	97.41
0.50	98.61	99.56	97.40	99.69	98.97	99.99	99.99	99.99	100.00	99.99
1.00	98.81	99.99	97.80	99.99	99.30	99.99	99.99	99.99	100.00	99.99
1.50	99.40	99.99	98.40	99.99	99.54	99.99	99.99	99.99	100.00	99.99
2.00	99.60	99.99	99.20	99.99	99.75	99.99	99.99	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	305	268	246	537	1356	33	24	38	4	99
TRACE-0.03	139	133	159	342	773	7	1	1	1	10
0.04 -0.10	46	40	64	70	220	2	0	2	0	4
0.11 -0.50	10	17	18	25	70	2	1	0	0	3
0.51 -1.00	1	2	2	3	8	0	0	0	0	0
1.01 -1.50	3	0	3	0	6	0	0	0	0	0
1.51 -2.00	1	0	4	0	5	0	0	0	0	0
ABOVE 2.00	2	0	4	0	6	0	0	0	0	0
TOTAL	507	460	500	977	2444	44	26	41	5	116

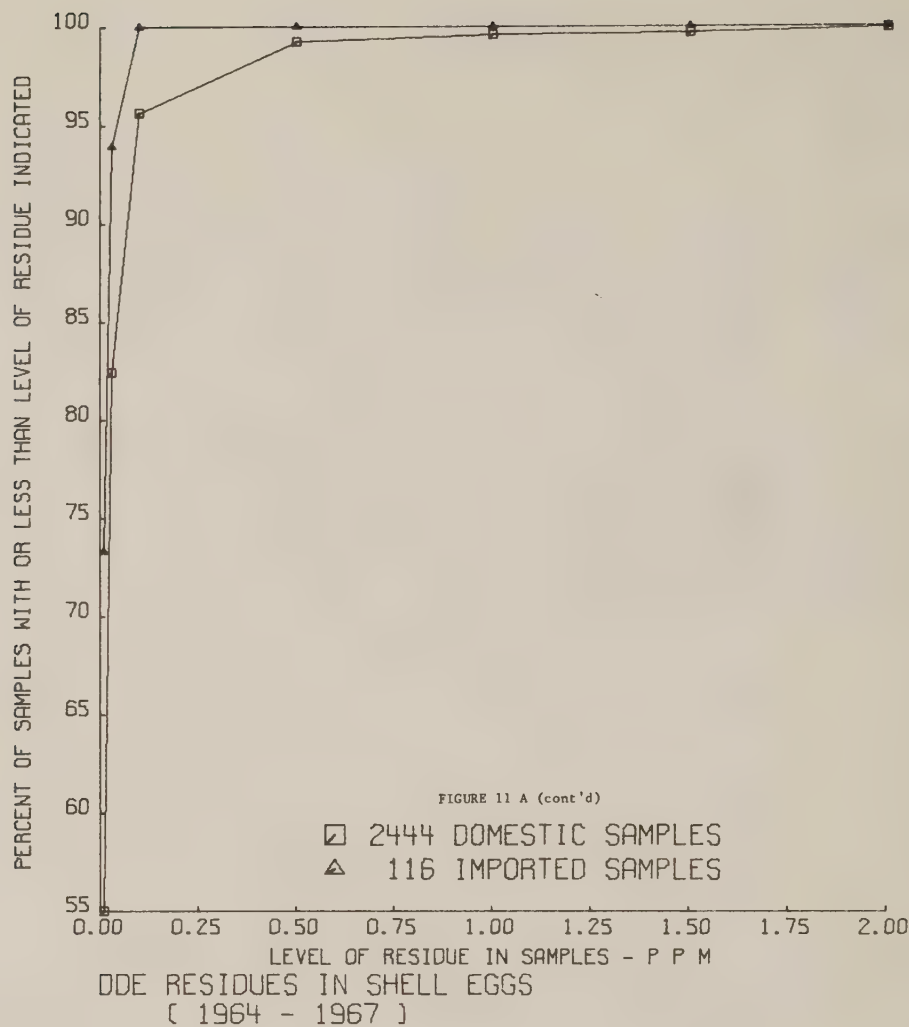


TABLE 11 A (cont'd)

SHELL EGGS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	35.50	37.60	28.60	33.26	33.59	65.90	61.53	92.68	40.00	73.27
TRACE-0.03	50.29	44.56	49.00	50.05	48.85	29.54	25.92	2.43	60.00	20.68
0.04 -0.10	11.63	17.39	16.20	10.54	13.21	4.54	11.53	4.87	0.00	6.03
0.11 -0.50	1.77	.43	3.60	6.03	3.60	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.19	0.00	1.20	.10	.32	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.39	0.00	.20	0.00	.12	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	1.20	0.00	.24	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.19	0.00	0.00	0.00	.04	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.04	.02	.06	.04	.04	.01	.01	0.00	.01	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	35.50	37.60	28.60	33.26	33.59	65.90	61.53	92.68	40.00	73.27
0.03	85.79	82.17	77.60	83.31	82.44	95.45	88.46	95.12	100.00	93.96
0.10	97.43	99.56	93.80	93.85	95.66	99.99	99.99	99.99	100.00	99.99
0.50	99.21	99.99	97.40	99.89	99.26	99.99	99.99	99.99	100.00	99.99
1.00	99.40	99.99	98.60	99.99	99.59	99.99	99.99	99.99	100.00	99.99
1.50	99.80	99.99	98.80	99.99	99.71	99.99	99.99	99.99	100.00	99.99
2.00	99.80	99.99	100.00	99.99	99.95	99.99	99.99	99.99	100.00	99.99

NUMBER OF SAMPLES FOR DDE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	180	173	143	325	821	29	16	38	2	85
TRACE-0.03	255	205	245	489	1194	13	7	1	3	24
0.04 -0.10	59	80	81	103	323	2	3	2	0	7
0.11 -0.50	9	2	18	59	88	0	0	0	0	0
0.51 -1.00	1	0	6	1	8	0	0	0	0	0
1.01 -1.50	2	0	1	0	3	0	0	0	0	0
1.51 -2.00	0	0	6	0	6	0	0	0	0	0
ABOVE 2.00	1	0	0	0	1	0	0	0	0	0
TOTAL	507	460	500	977	2444	44	26	41	5	116



PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

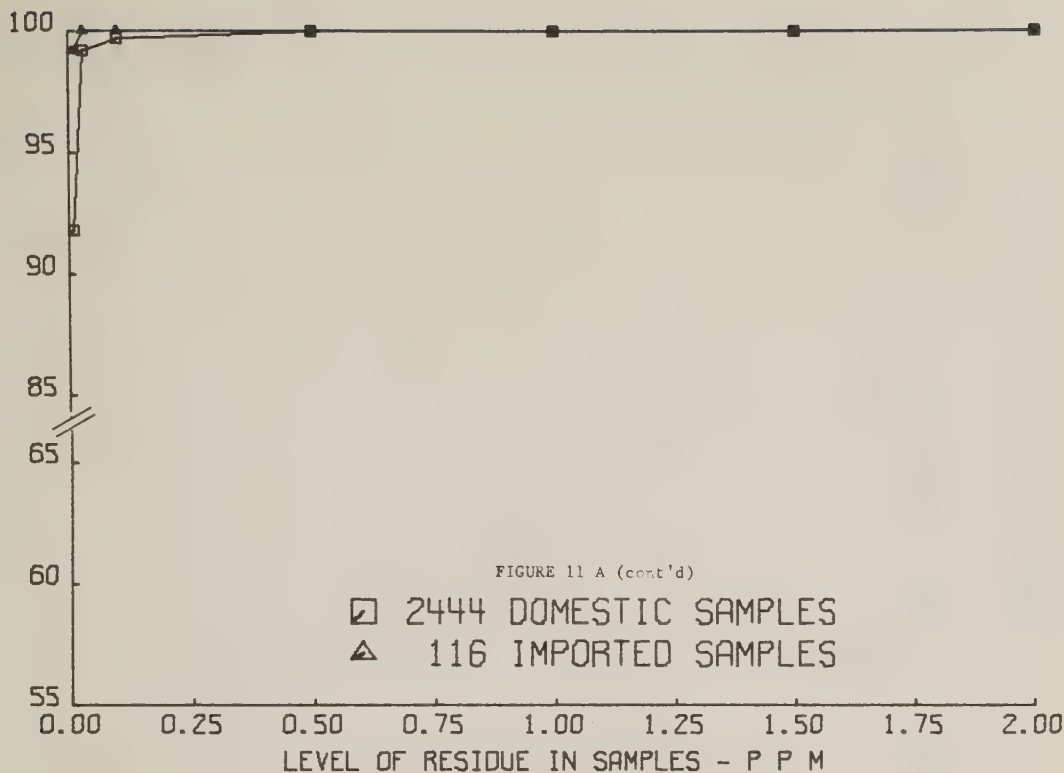


FIGURE 11 A (cont'd)

□ 2444 DOMESTIC SAMPLES  
△ 116 IMPORTED SAMPLES

TDE RESIDUES IN SHELL EGGS  
[ 1964 - 1967 ]

TABLE 11 A (cont'd)

SHELL EGGS

DOMESTIC

IMPORTED

PERCENT DISTRIBUTION OF SAMPLES FOR TDE

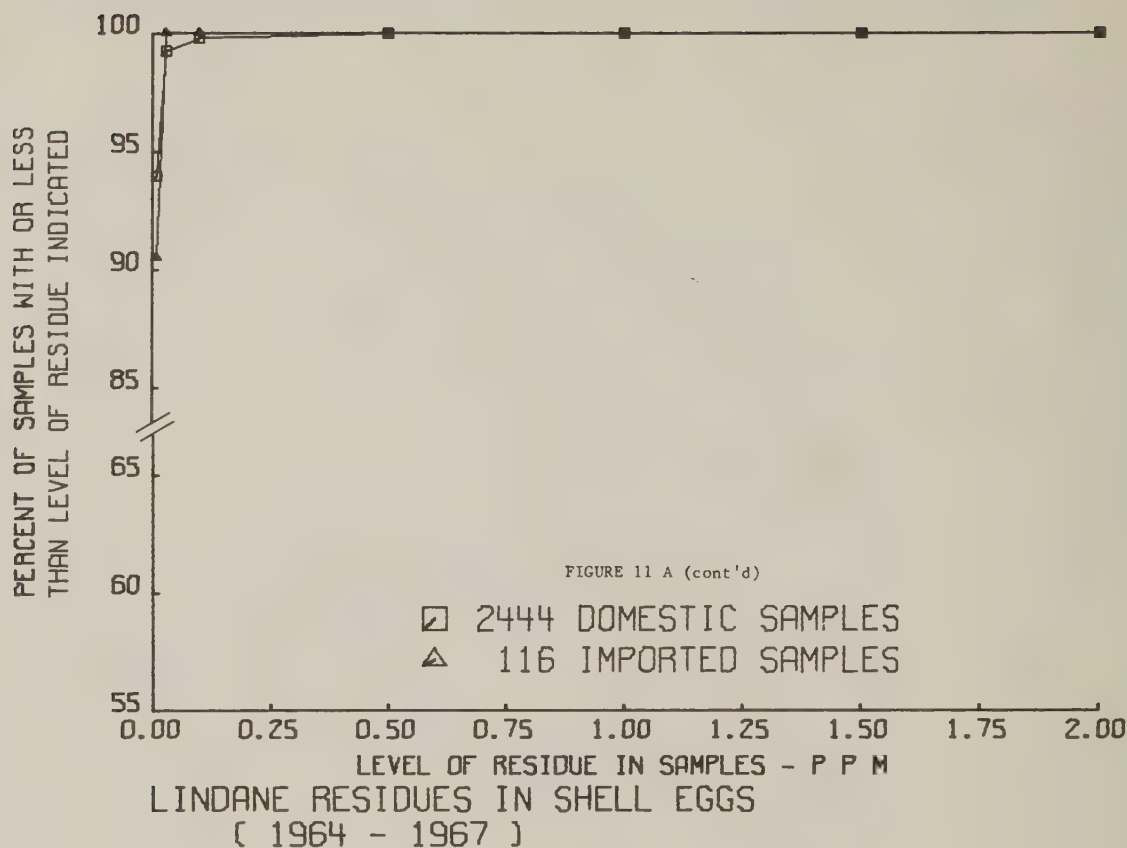
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.54	96.95	89.40	91.70	91.77	97.72	100.00	100.00	100.00	99.13
TRACE-0.03	9.66	3.04	8.80	7.57	7.40	2.27	0.00	0.00	0.00	.86
0.04 -0.10	.19	0.00	1.00	.71	.53	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.59	0.00	.80	0.00	.28	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE

LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.54	96.95	89.40	91.70	91.77	97.72	100.00	100.00	100.00	99.13
0.03	99.21	99.99	98.20	99.28	99.18	99.99	100.00	100.00	100.00	99.99
0.10	99.40	99.99	99.20	99.99	99.71	99.99	100.00	100.00	100.00	99.99
0.50	99.99	99.99	100.00	99.99	99.99	99.99	100.00	100.00	100.00	99.99
1.00	99.99	99.99	100.00	99.99	99.99	99.99	100.00	100.00	100.00	99.99
1.50	99.99	99.99	100.00	99.99	99.99	99.99	100.00	100.00	100.00	99.99
2.00	99.99	99.99	100.00	99.99	99.99	99.99	100.00	100.00	100.00	99.99

NUMBER OF SAMPLES FOR TDE

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	454	446	447	896	2243	43	26	41	5	115
TRACE-0.03	49	14	44	74	181	1	0	0	0	1
0.04 -0.10	1	0	5	7	13	0	0	0	0	0
0.11 -0.50	3	0	4	0	7	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	507	460	500	977	2444	44	26	41	5	116



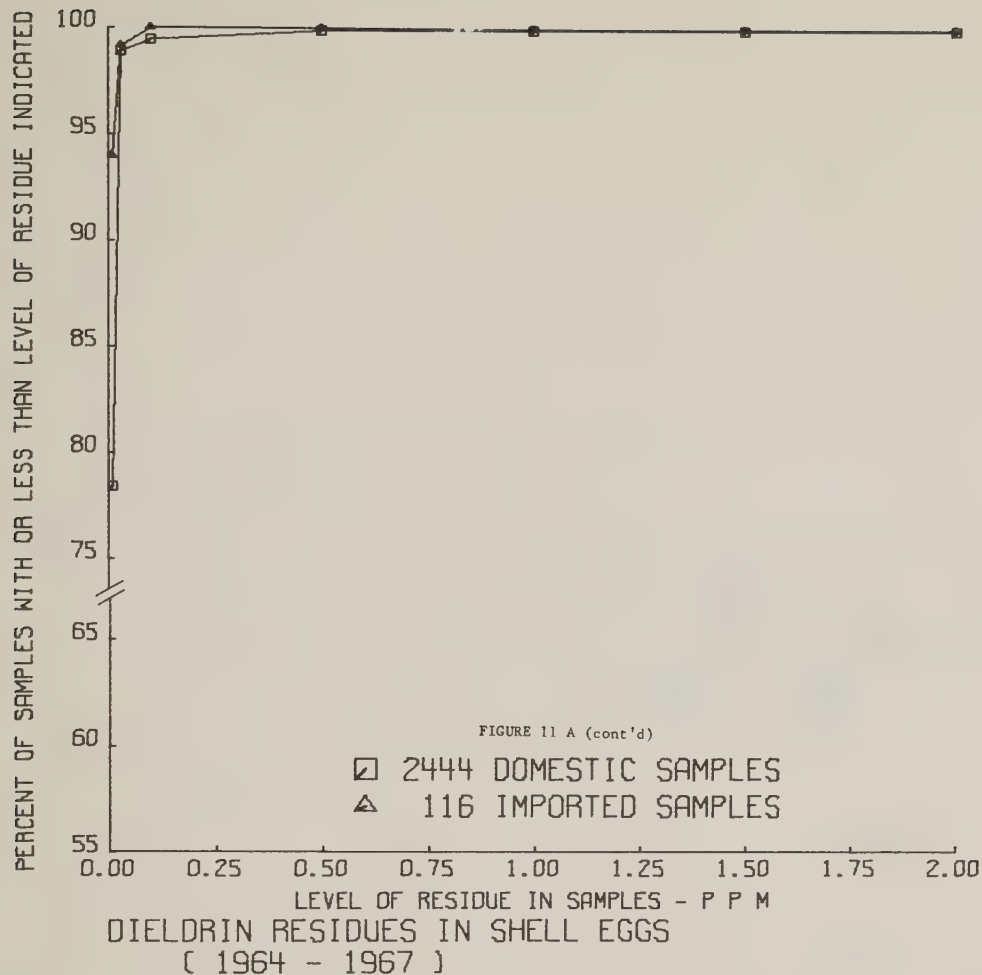
SHELL EGGS

TABLE 11 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.15	95.00	95.80	94.98	93.94	88.63	88.46	97.56	60.00	90.51
TRACE-0.03	10.45	4.13	3.00	4.29	5.27	11.36	11.53	2.43	40.00	9.48
0.04 -0.10	0.00	.86	1.00	.51	.57	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.39	0.00	.20	.20	.20	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.15	95.00	95.80	94.98	93.94	88.63	88.46	97.56	60.00	90.51
0.03	99.60	99.13	98.80	99.28	99.22	99.99	99.99	99.99	100.00	99.99
0.10	99.60	99.99	99.80	99.79	99.79	99.99	99.99	99.99	100.00	99.99
0.50	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.00	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.50	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
2.00	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99

NUMBER OF SAMPLES FOR LINDANE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	452	437	479	928	2296	39	23	40	3	105
TRACE-0.03	53	19	15	42	129	5	3	1	2	11
0.04 -0.10	0	4	5	5	14	0	0	0	0	0
0.11 -0.50	2	0	1	2	5	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	507	400	500	977	2444	44	26	41	5	116



SHELL EGGS

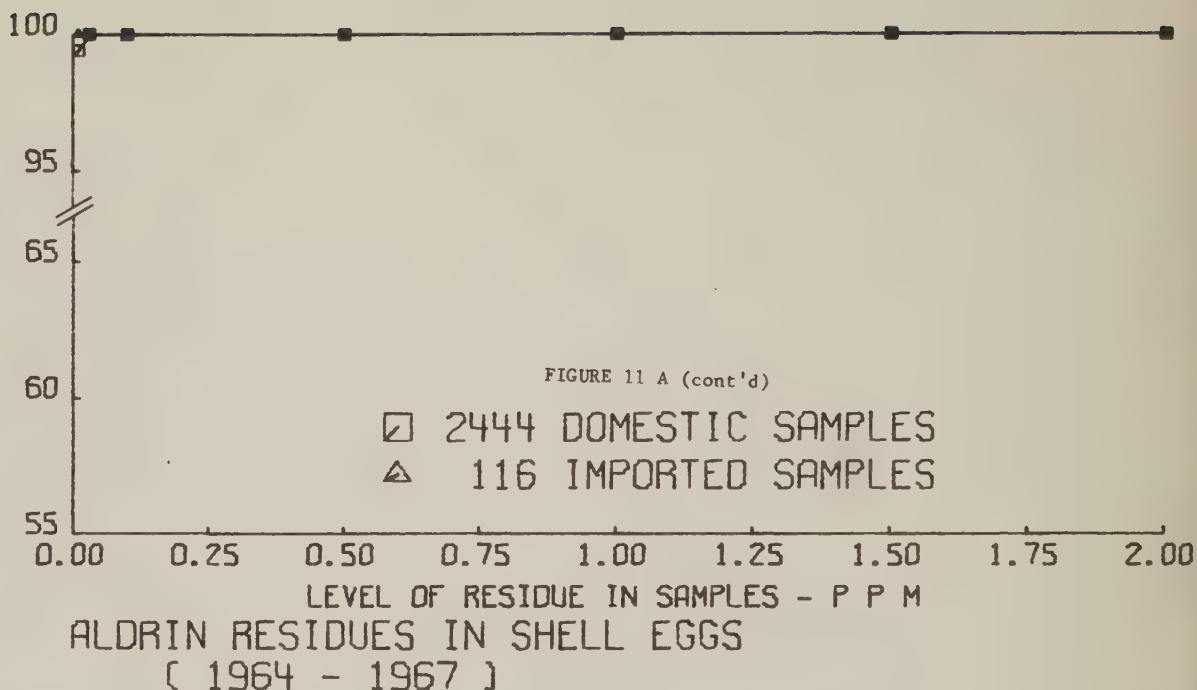
TABLE 11 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	78.89	82.39	74.00	78.50	78.39	88.63	100.00	97.56	80.00	93.96
TRACE-0.03	20.71	17.17	24.60	19.85	20.49	11.36	0.00	2.43	0.00	5.17
0.04 -0.10	0.00	.43	1.00	.61	.53	0.00	0.00	0.00	20.00	.86
0.11 -0.50	.39	0.00	.20	.81	.45	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	.20	.08	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	.20	0.00	.04	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	0.00	.02	.01	.01	0.00	0.00	0.00	.01	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	78.89	82.39	74.00	78.50	78.39	88.63	100.00	97.56	80.00	93.96
0.03	99.60	99.56	98.60	98.36	98.89	99.99	100.00	99.99	80.00	99.13
0.10	99.60	99.99	99.60	98.97	99.42	99.99	100.00	99.99	100.00	99.99
0.50	99.99	99.99	99.80	99.79	99.87	99.99	100.00	99.99	100.00	99.99
1.00	99.99	99.99	99.80	99.99	99.95	99.99	100.00	99.99	100.00	99.99
1.50	99.99	99.99	99.80	99.99	99.95	99.99	100.00	99.99	100.00	99.99
2.00	99.99	99.99	99.80	99.99	99.95	99.99	100.00	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	400	379	370	767	1916	39	26	40	4	109
TRACE-0.03	105	79	123	194	501	5	0	1	0	6
0.04 -0.10	0	2	5	6	13	0	0	0	1	1
0.11 -0.50	2	0	1	8	11	0	0	0	0	0
0.51 -1.00	0	0	0	2	2	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	1	0	1	0	0	0	0	0
TOTAL	507	460	500	977	2444	44	26	41	5	116

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



SHELL EGGS

TABLE 11 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.80	99.56	99.40	99.07	99.38	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	.19	.43	.60	.92	.61	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.80	99.56	99.40	99.07	99.38	100.00	100.00	100.00	100.00	100.00
0.03	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
0.10	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
0.50	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.00	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.50	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
2.00	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	506	458	497	968	2429	44	26	41	5	116
TRACE-0.03	1	2	3	9	15	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	507	460	500	977	2444	44	26	41	5	116

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

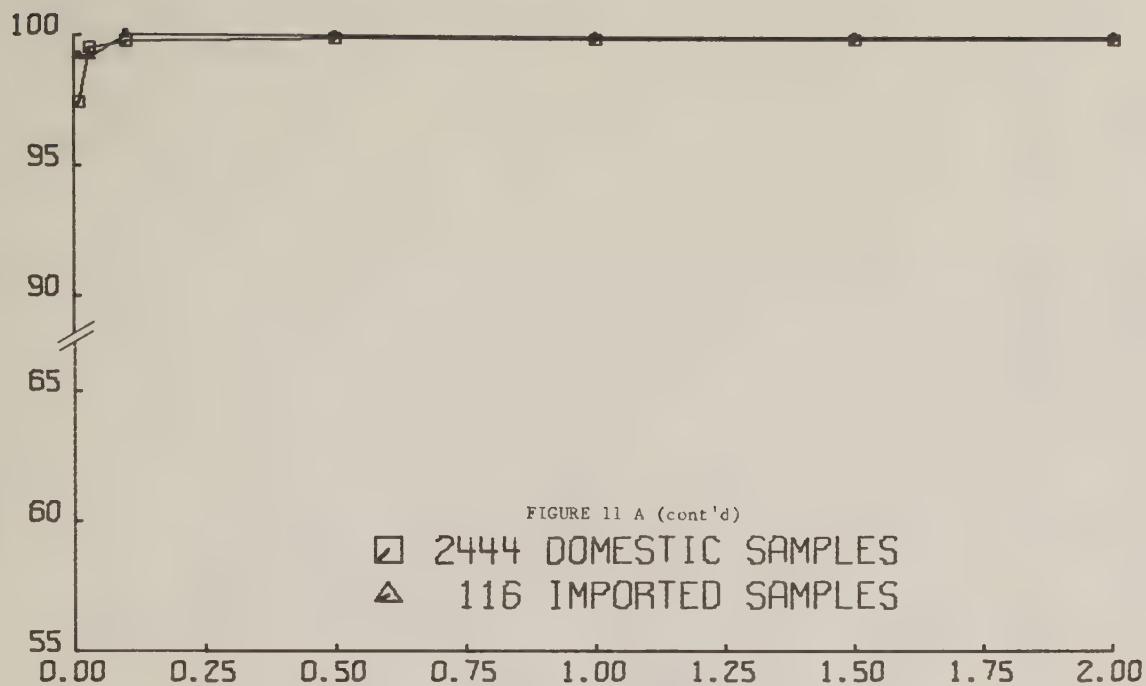


FIGURE 11 A (cont'd)

□ 2444 DOMESTIC SAMPLES  
△ 116 IMPORTED SAMPLES

LEVEL OF RESIDUE IN SAMPLES - P P M  
BHC RESIDUES IN SHELL EGGS  
( 1964 - 1967 )

TABLE 11 A (cont'd)

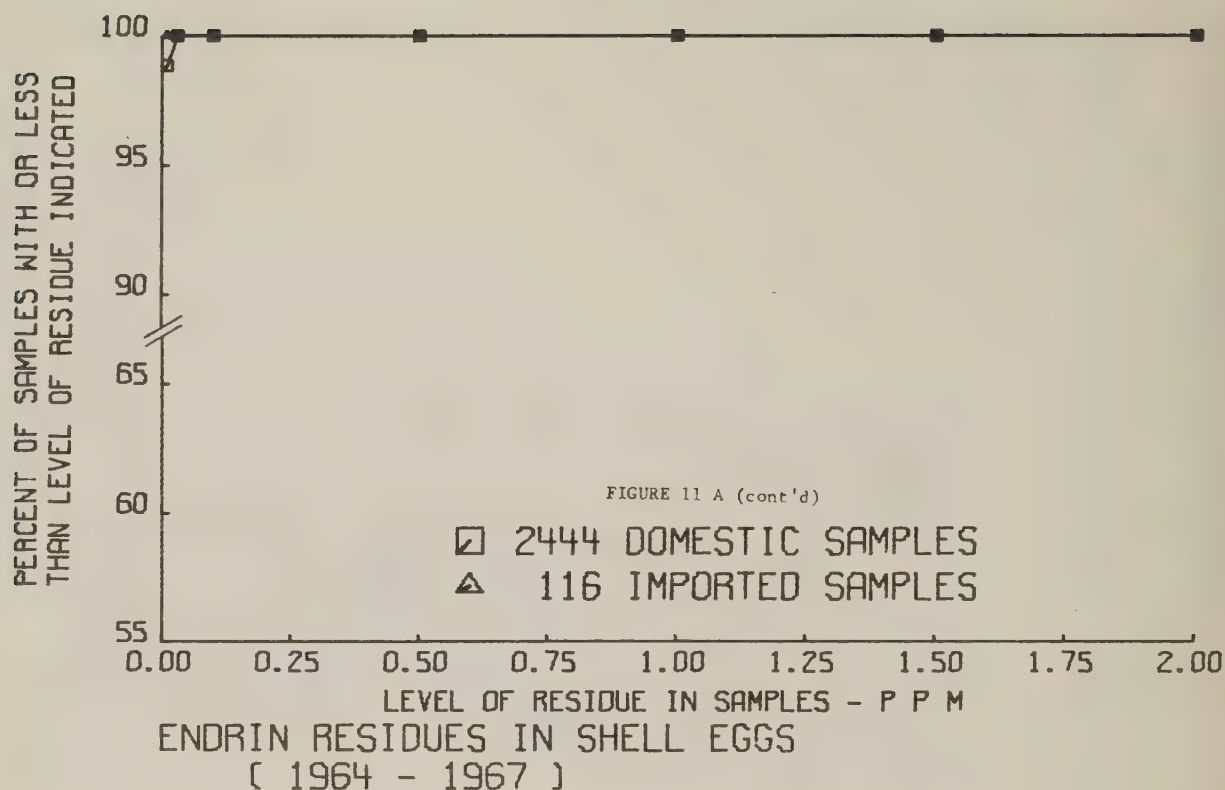
SHELL EGGS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.80	96.95	95.20	97.44	97.38	100.00	96.15	100.00	100.00	99.13
TRACE-0.03	0.00	1.52	4.40	2.35	2.12	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.19	.43	.40	.10	.24	0.00	3.84	0.00	0.00	.86
0.11 -0.50	0.00	.65	0.00	.10	.16	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	.43	0.00	0.00	.08	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.80	96.95	95.20	97.44	97.38	100.00	96.15	100.00	100.00	99.13
0.03	99.80	98.47	99.60	99.79	99.50	100.00	96.15	100.00	100.00	99.13
0.10	99.99	98.91	100.00	99.89	99.75	100.00	99.99	100.00	100.00	99.99
0.50	99.99	99.56	100.00	99.99	99.91	100.00	99.99	100.00	100.00	99.99
1.00	99.99	99.56	100.00	99.99	99.91	100.00	99.99	100.00	100.00	99.99
1.50	99.99	99.56	100.00	99.99	99.91	100.00	99.99	100.00	100.00	99.99
2.00	99.99	99.56	100.00	99.99	99.91	100.00	99.99	100.00	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	506	446	476	952	2380	44	25	41	5	115
TRACE-0.03	0	7	22	23	52	0	0	0	0	0
0.04 -0.10	1	2	2	1	6	0	1	0	0	1
0.11 -0.50	0	3	0	1	4	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	2	0	0	2	0	0	0	0	0
TOTAL	507	460	500	977	2444	44	26	41	5	116





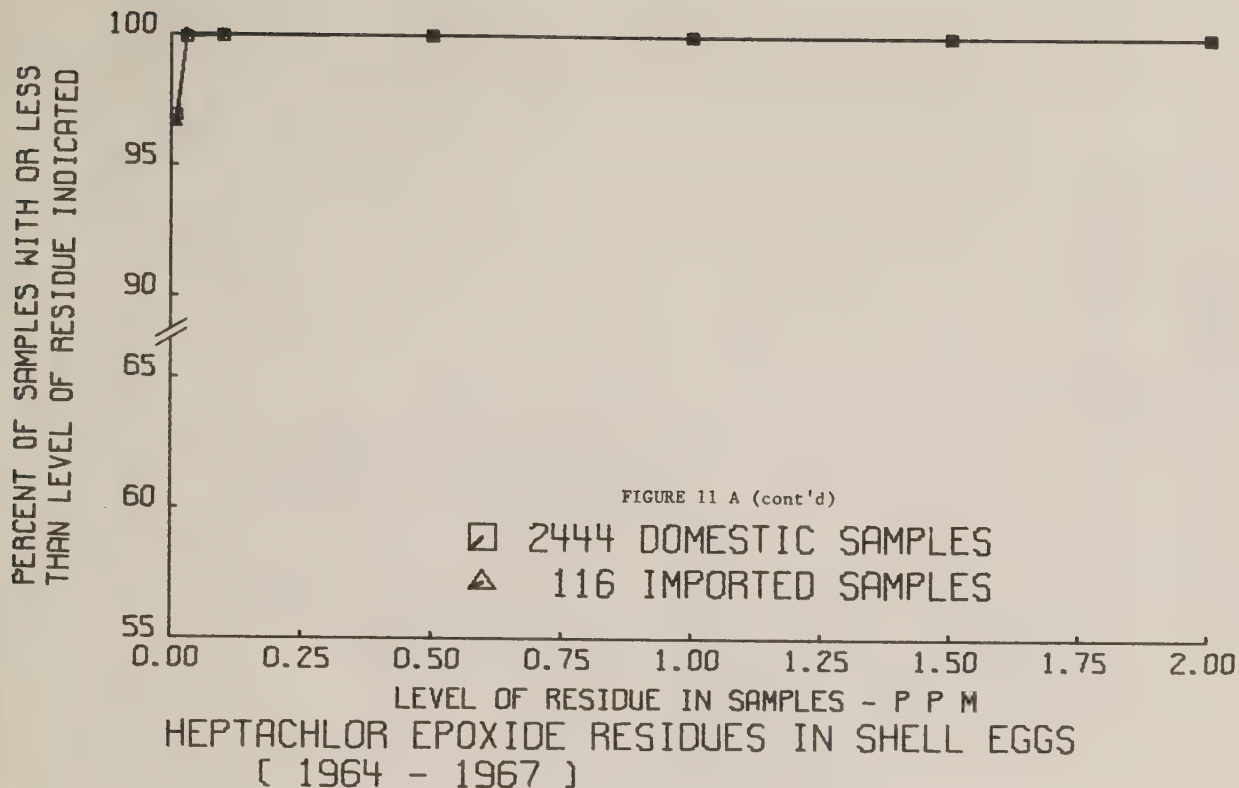
SHELL EGGS

TABLE 11 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.01	99.34	99.60	98.15	98.85	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	.98	.65	.40	1.84	1.14	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.01	99.34	99.60	98.15	98.85	100.00	100.00	100.00	100.00	100.00
0.03	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
0.10	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
0.50	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.00	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.50	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
2.00	99.99	99.99	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	502	457	498	959	2416	44	26	41	5	116
TRACE-0.03	5	3	2	18	28	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	507	460	500	977	2444	44	26	41	5	116



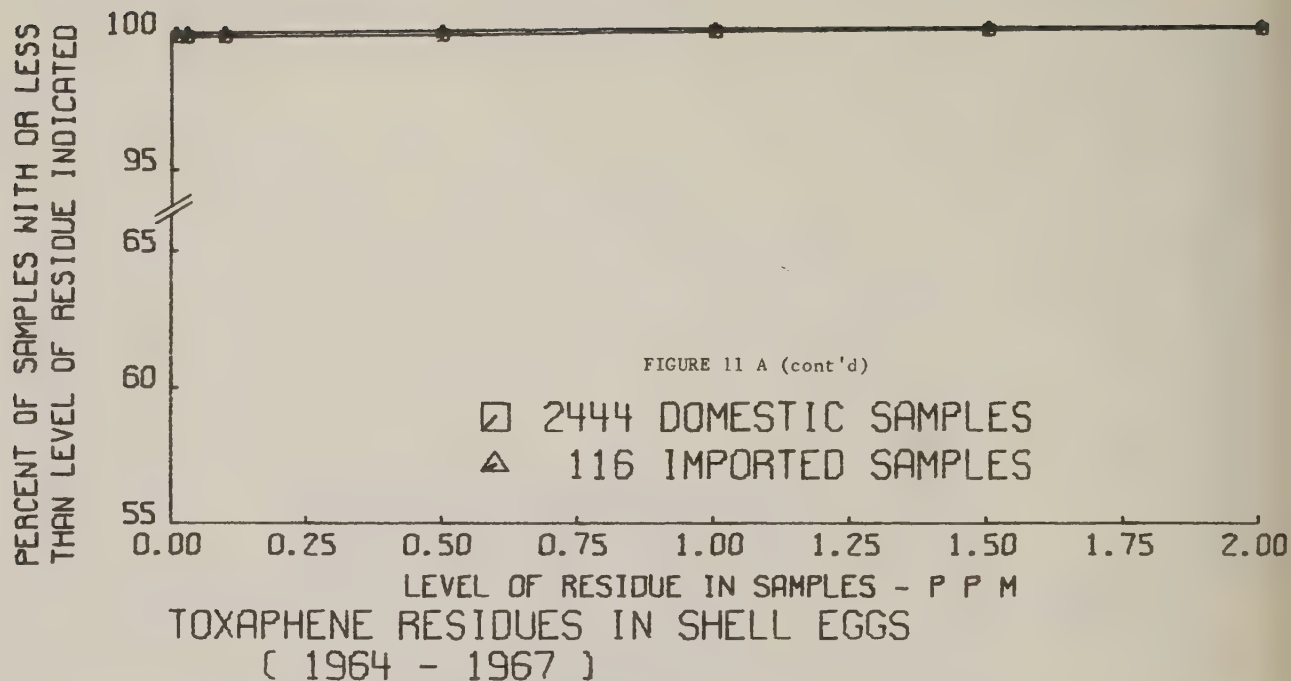
SHELL EGGS

TABLE 11 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.04	95.43	95.80	98.05	96.89	100.00	92.30	95.12	100.00	96.55
TRACE-0.03	2.95	4.56	4.00	1.74	2.98	0.00	7.69	4.87	0.00	3.44
0.04 -0.10	0.00	0.00	.20	.10	.08	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.10	.04	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.04	95.43	95.80	98.05	96.89	100.00	92.30	95.12	100.00	96.55
0.03	99.99	99.99	99.80	99.79	99.87	100.00	99.99	99.99	100.00	99.99
0.10	99.99	99.99	100.00	99.89	99.95	100.00	99.99	99.99	100.00	99.99
0.50	99.99	99.99	100.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99
1.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99
1.50	99.99	99.99	100.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99
2.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99	99.99	100.00	99.99

NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	492	439	479	958	2368	44	24	39	5	112
TRACE-0.03	15	21	20	17	73	0	2	2	0	4
0.04 -0.10	0	0	1	1	2	0	0	0	0	0
0.11 -0.50	0	0	0	1	1	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	507	460	500	977	2444	44	26	41	5	116



SHELL EGGS

TABLE 11 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	99.78	99.80	99.79	99.83	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	.21	0.00	.10	.08	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	.20	.10	.08	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	99.78	99.80	99.79	99.83	100.00	100.00	100.00	100.00	100.00
0.03	100.00	99.78	99.80	99.79	99.83	100.00	100.00	100.00	100.00	100.00
0.10	100.00	99.78	99.80	99.79	99.83	100.00	100.00	100.00	100.00	100.00
0.50	100.00	99.78	99.80	99.79	99.83	100.00	100.00	100.00	100.00	100.00
1.00	100.00	99.99	99.80	99.89	99.91	100.00	100.00	100.00	100.00	100.00
1.50	100.00	99.99	99.80	99.89	99.91	100.00	100.00	100.00	100.00	100.00
2.00	100.00	99.99	99.80	99.89	99.91	100.00	100.00	100.00	100.00	100.00

NUMBER OF SAMPLES FOR TOXAPHENE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	507	459	499	975	2440	44	26	41	5	116
TRACE-0.03	0	0	0	0	0	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	1	0	1	2	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	1	1	2	0	0	0	0	0
TOTAL	507	460	500	977	2444	44	26	41	5	116

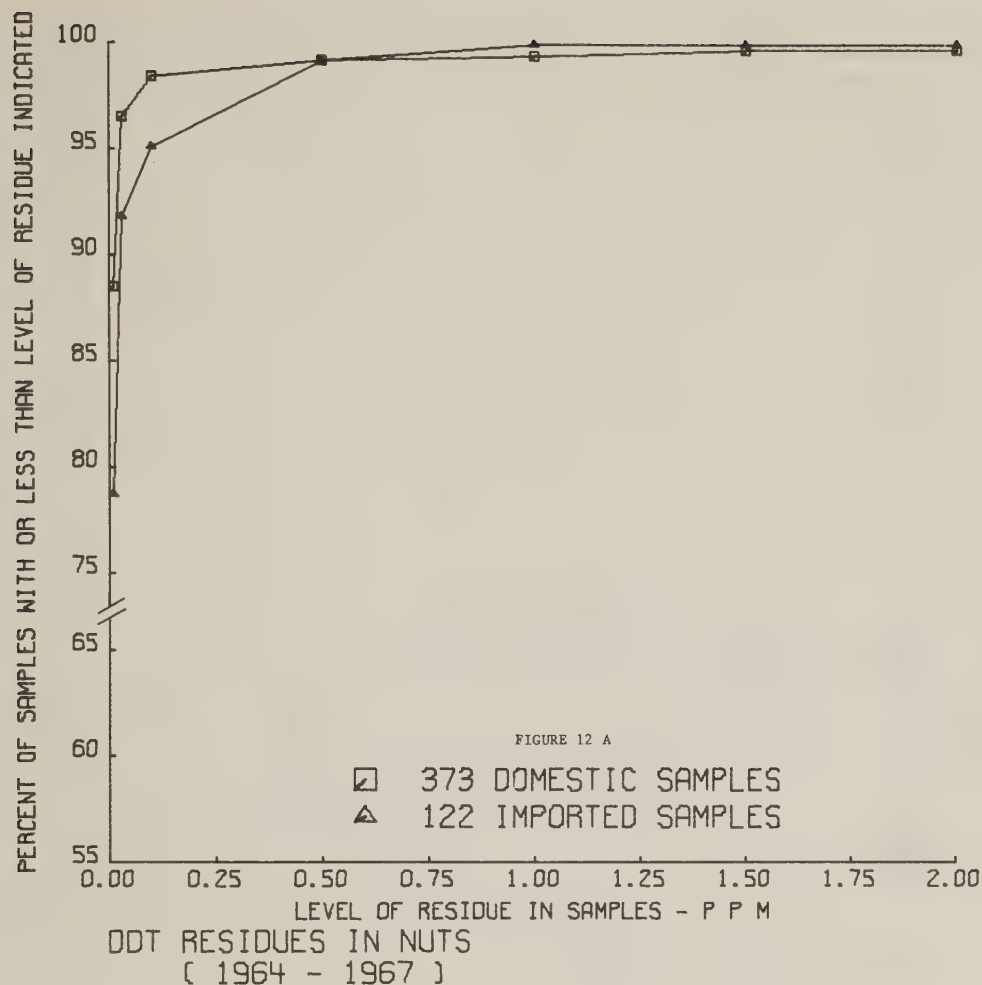


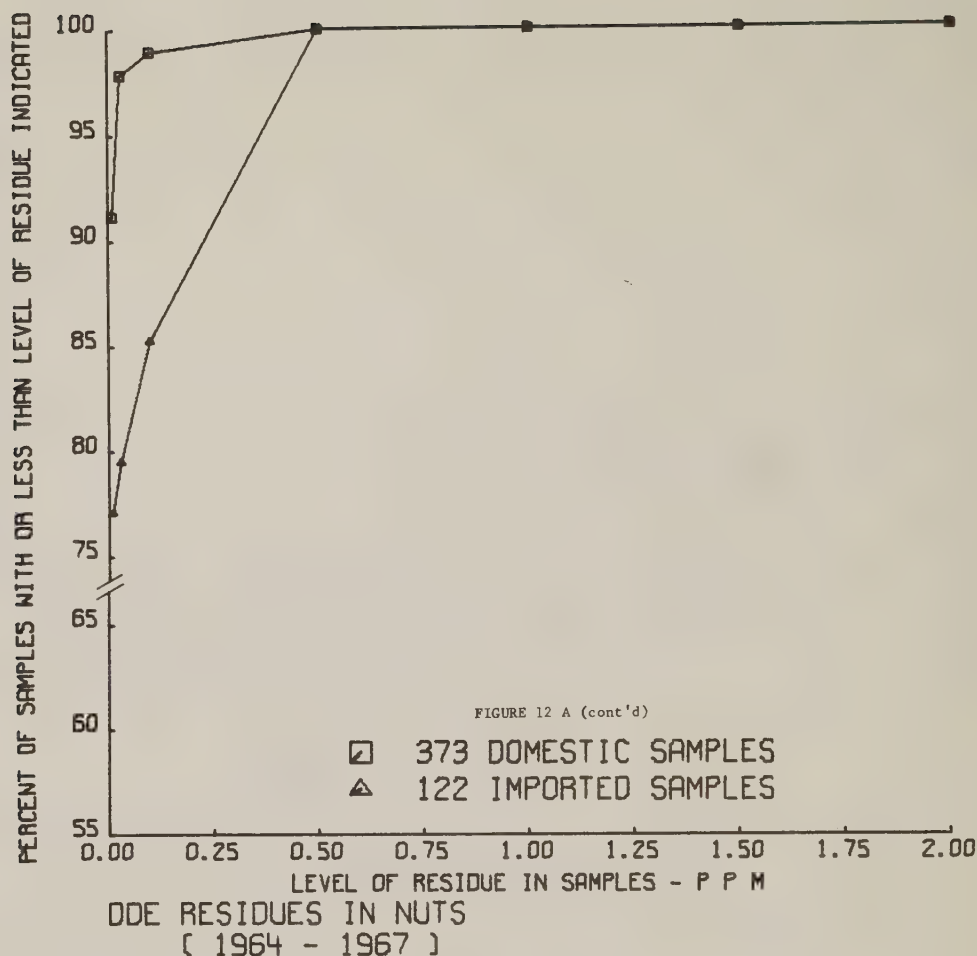
TABLE 12 A

NUTS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.07	84.78	100.00	76.19	88.47	81.81	82.60	52.94	100.00	78.68
TRACE-0.03	3.03	13.04	0.00	20.23	8.04	10.38	13.04	29.41	0.00	13.11
0.04 -0.10	3.03	0.00	0.00	0.00	1.87	3.89	0.00	5.88	0.00	3.27
0.11 -0.50	0.00	2.17	0.00	2.38	.80	2.59	4.34	11.76	0.00	4.09
0.51 -1.00	.43	0.00	0.00	0.00	.26	1.29	0.00	0.00	0.00	.81
1.01 -1.50	.43	0.00	0.00	0.00	.26	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	1.19	.26	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	0.00	.09	.03	.02	.02	.05	0.00	.02

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.07	84.78	100.00	76.19	88.47	81.81	82.60	52.94	100.00	78.68
0.03	96.10	97.82	100.00	96.42	96.51	92.20	95.65	82.35	100.00	91.80
0.10	99.13	97.82	100.00	96.42	98.39	96.10	95.65	82.23	100.00	95.08
0.50	99.13	99.99	100.00	98.80	99.19	98.70	99.99	99.99	100.00	99.18
1.00	99.56	99.99	100.00	98.80	99.46	99.99	99.99	99.99	100.00	99.99
1.50	99.99	99.99	100.00	98.80	99.73	99.99	99.99	99.99	100.00	99.99
2.00	99.99	99.99	100.00	98.80	99.73	99.99	99.99	99.99	100.00	99.99

NUMBER OF SAMPLES FOR DDT										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	215	39	12	64	330	63	19	9	5	96
TRACE-0.03	7	6	0	17	30	8	3	5	0	16
0.04 -0.10	7	0	0	0	7	3	0	1	0	4
0.11 -0.50	0	1	0	2	3	2	1	2	0	5
0.51 -1.00	1	0	0	0	1	1	0	0	0	1
1.01 -1.50	1	0	0	0	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	1	1	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122



NUTS

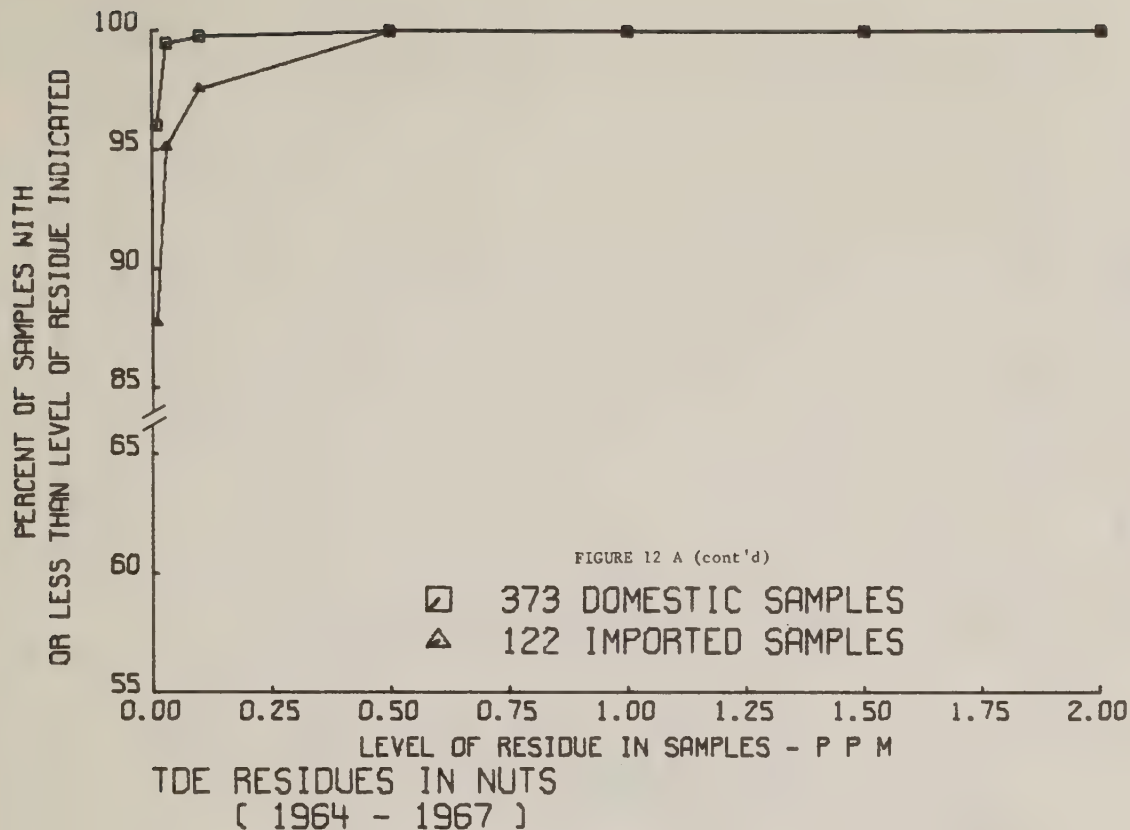
TABLE 12 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	94.80	91.30	100.00	79.76	91.15	84.41	69.56	52.94	80.00	77.04
TRACE-0.03	3.03	6.52	0.00	17.85	6.70	0.00	0.00	17.64	0.00	2.45
0.04 -0.10	.86	2.17	0.00	1.19	1.07	3.89	8.69	5.88	20.00	5.73
0.11 -0.50	1.29	0.00	0.00	1.19	1.07	11.68	21.73	23.52	0.00	14.75
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	0.00	0.00	.01	.01	.04	.07	.08	.01	.05

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	94.80	91.30	100.00	79.76	91.15	84.41	69.56	52.94	80.00	77.04
0.03	97.83	97.82	100.00	97.61	97.85	84.41	69.56	70.58	80.00	79.50
0.10	98.70	99.99	100.00	98.80	98.92	88.31	78.26	76.47	100.00	85.24
0.50	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.00	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.50	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
2.00	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99

NUMBER OF SAMPLES FOR DDE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	219	42	12	67	340	65	16	9	4	94
TRACE-0.03	7	3	0	15	25	0	0	3	0	3
0.04 -0.10	2	1	0	1	4	3	2	1	1	7
0.11 -0.50	3	0	0	1	4	9	5	4	0	18
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122





NUTS

TABLE 12 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.13	97.82	100.00	85.71	95.97	84.41	95.65	88.23	100.00	87.70
TRACE-0.03	.86	2.17	0.00	11.90	3.48	9.09	0.00	11.76	0.00	7.37
0.04 -0.10	0.00	0.00	0.00	1.19	.26	3.89	0.00	0.00	0.00	2.45
0.11 -0.50	0.00	0.00	0.00	1.19	.26	2.59	4.34	0.00	0.00	2.45
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	.01	0.00	.01	.01	0.00	0.00	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.13	97.82	100.00	85.71	95.97	84.41	95.65	88.23	100.00	87.70
0.03	99.99	99.99	100.00	97.61	99.46	93.50	95.65	99.99	100.00	95.08
0.10	99.99	99.99	100.00	98.80	99.73	97.40	95.65	99.99	100.00	97.54
0.50	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.00	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.50	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
2.00	99.99	99.99	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	229	45	12	72	358	65	22	15	5	107
TRACE-0.03	2	1	0	10	13	7	0	2	0	9
0.04 -0.10	0	0	0	1	1	3	0	0	0	3
0.11 -0.50	0	0	0	1	1	2	1	0	0	3
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122

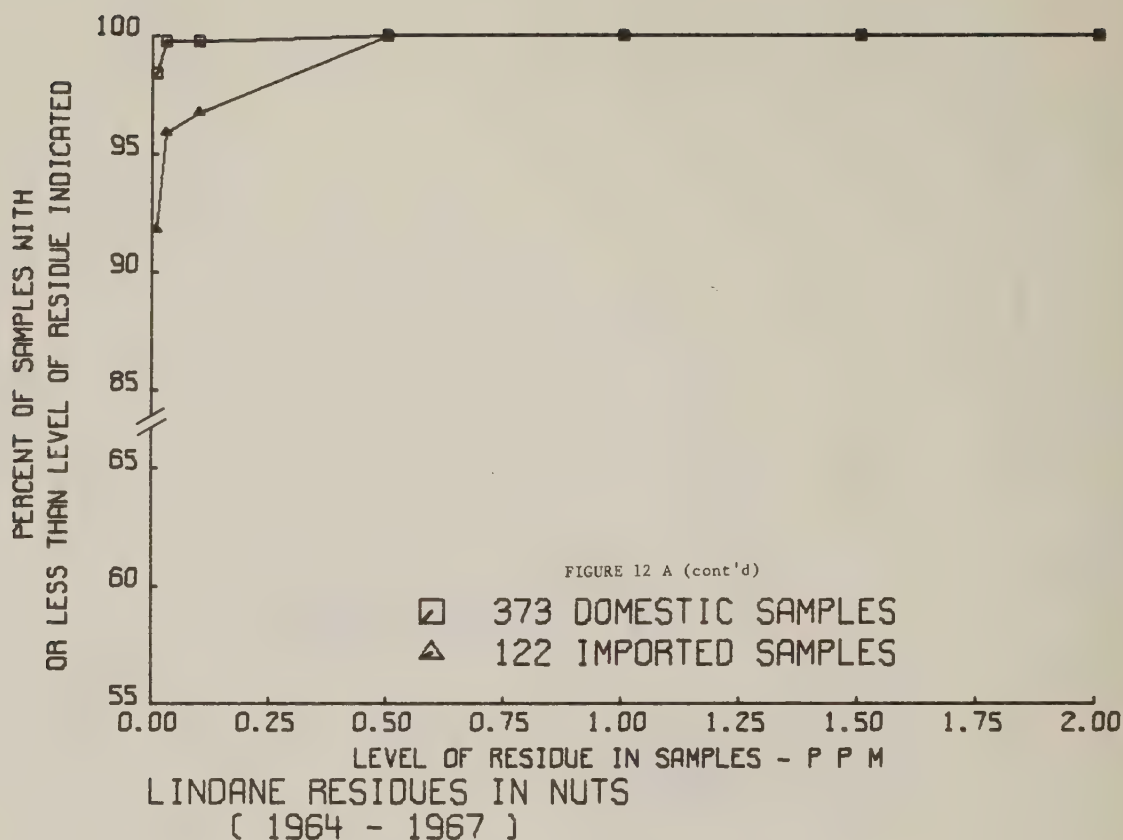


FIGURE 12 A (cont'd)

NUTS

TABLE 12 A (cont'd)

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.83	100.00	100.00	98.80	98.39	92.20	95.65	88.23	80.00	91.80
TRACE-0.03	1.73	0.00	0.00	1.19	1.34	3.89	4.34	0.00	20.00	4.09
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.88	0.00	.81
0.11 -0.50	.43	0.00	0.00	0.00	.26	3.89	0.00	5.88	0.00	3.27
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	.01	0.00	.02	0.00	.01

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.83	100.00	100.00	98.80	98.39	92.20	95.65	88.23	80.00	91.80
0.03	99.56	100.00	100.00	99.99	99.73	96.10	99.99	88.23	100.00	95.90
0.10	99.56	100.00	100.00	99.99	99.73	96.10	99.99	94.11	100.00	96.72
0.50	99.99	100.00	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.00	99.99	100.00	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
1.50	99.99	100.00	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
2.00	99.99	100.00	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99

	NUMBER OF SAMPLES FOR LINDANE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	226	46	12	83	367	71	22	15	4	112
TRACE-0.03	4	0	0	1	5	3	1	0	1	5
0.04 -0.10	0	0	0	0	0	0	0	1	0	1
0.11 -0.50	1	0	0	0	1	3	0	1	0	4
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122

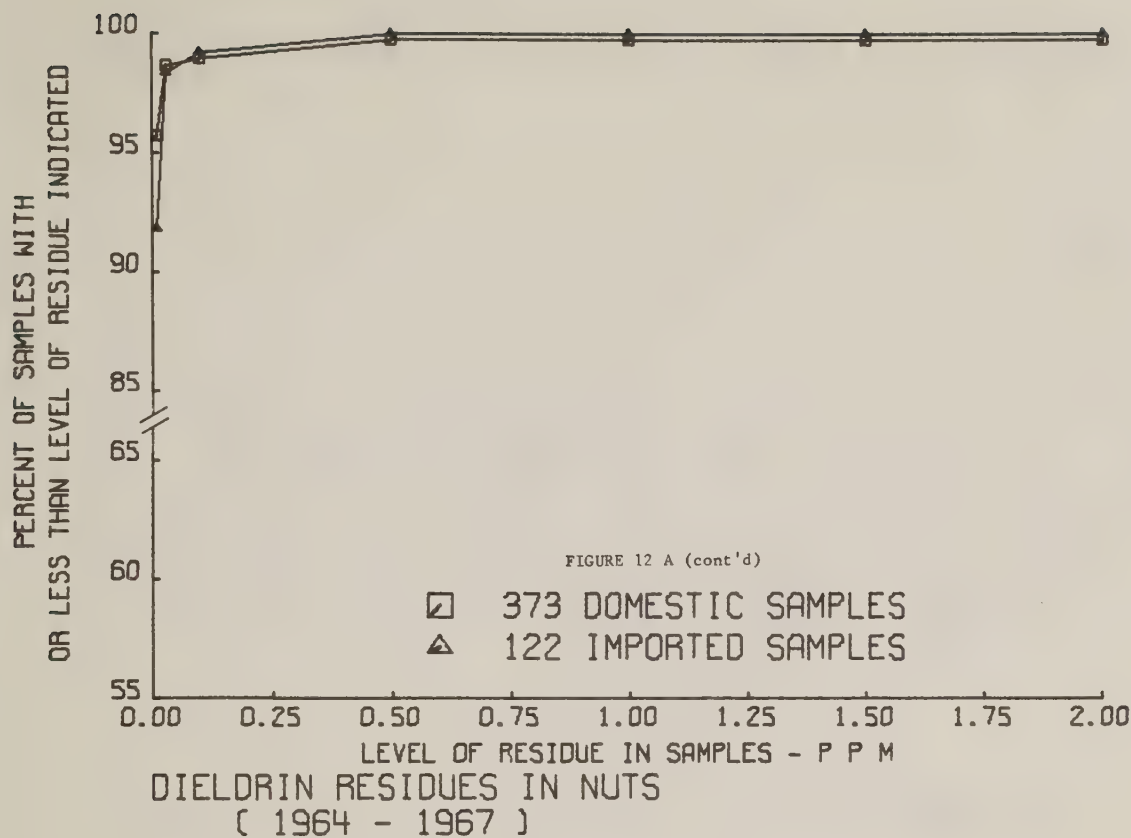


TABLE 12 A (cont'd)

NUTS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.53	86.95	100.00	97.61	95.71	96.10	82.60	82.35	100.00	91.80
TRACE-0.03	1.29	13.04	0.00	2.38	2.94	3.89	8.69	17.64	0.00	6.55
0.04 -0.10	.43	0.00	0.00	0.00	.26	0.00	4.34	0.00	0.00	.81
0.11 -0.50	1.29	0.00	0.00	0.00	.80	0.00	4.34	0.00	0.00	.81
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.43	0.00	0.00	0.00	.26	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.09	0.00	0.00	0.00	.06	0.00	.02	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	96.53	86.95	100.00	97.61	95.71	96.10	82.60	82.35	100.00	91.80
0.03	97.83	99.99	100.00	99.99	98.65	99.99	91.30	99.99	100.00	98.36
0.10	98.26	99.99	100.00	99.99	98.92	99.99	95.65	99.99	100.00	99.18
0.50	99.56	99.99	100.00	99.99	99.73	99.99	99.99	99.99	100.00	99.99
1.00	99.56	99.99	100.00	99.99	99.73	99.99	99.99	99.99	100.00	99.99
1.50	99.56	99.99	100.00	99.99	99.73	99.99	99.99	99.99	100.00	99.99
2.00	99.56	99.99	100.00	99.99	99.73	99.99	99.99	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	223	40	12	82	357	74	19	14	5	112
TRACE-0.03	3	6	0	2	11	3	2	3	0	8
0.04 -0.10	1	0	0	0	1	0	1	0	0	1
0.11 -0.50	3	0	0	0	3	0	1	0	0	1
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	1	0	0	0	1	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122

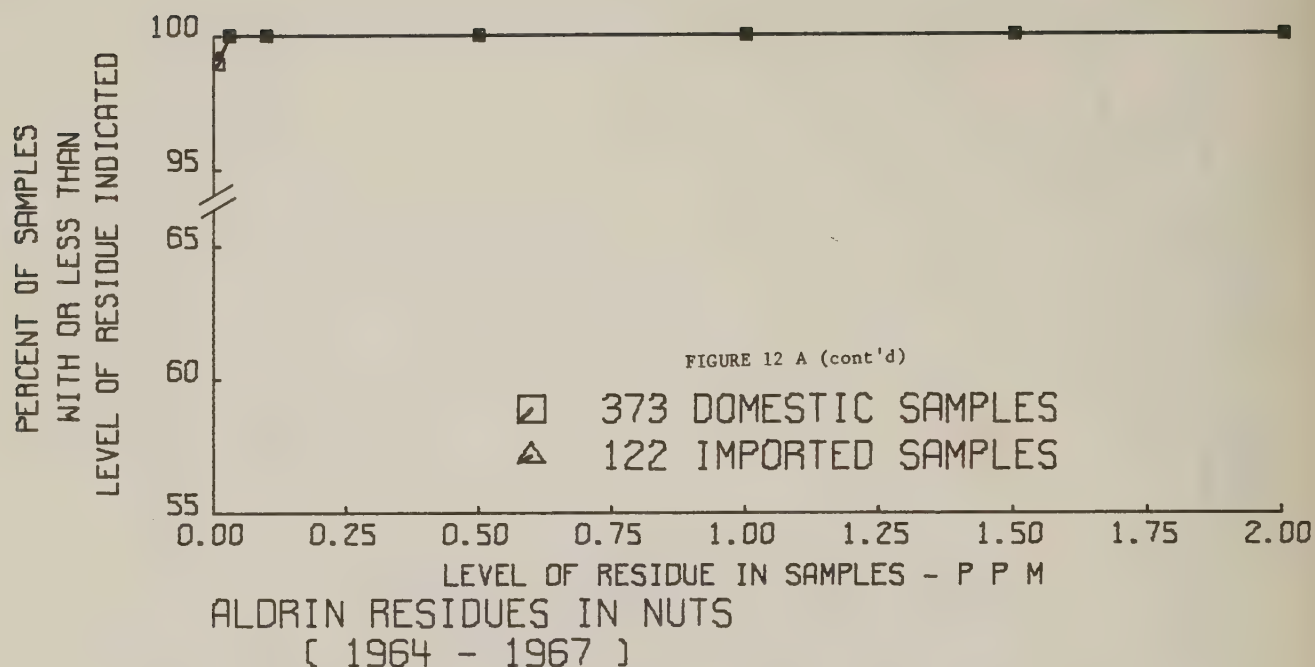


TABLE 12 A (cont'd)

NUTS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.70	100.00	100.00	98.80	98.92	100.00	100.00	94.11	100.00	99.18
TRACE-0.03	1.29	0.00	0.00	1.19	1.07	0.00	0.00	5.88	0.00	.81
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.70	100.00	100.00	98.80	98.92	100.00	100.00	94.11	100.00	99.18
0.03	99.99	100.00	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99
0.10	99.99	100.00	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99
0.50	99.99	100.00	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99
1.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99
1.50	99.99	100.00	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99
2.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	99.99	100.00	99.99

	NUMBER OF SAMPLES FOR ALDRIN									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	228	46	12	83	369	77	23	16	5	121
TRACE-0.03	3	0	0	1	4	0	0	1	0	1
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122

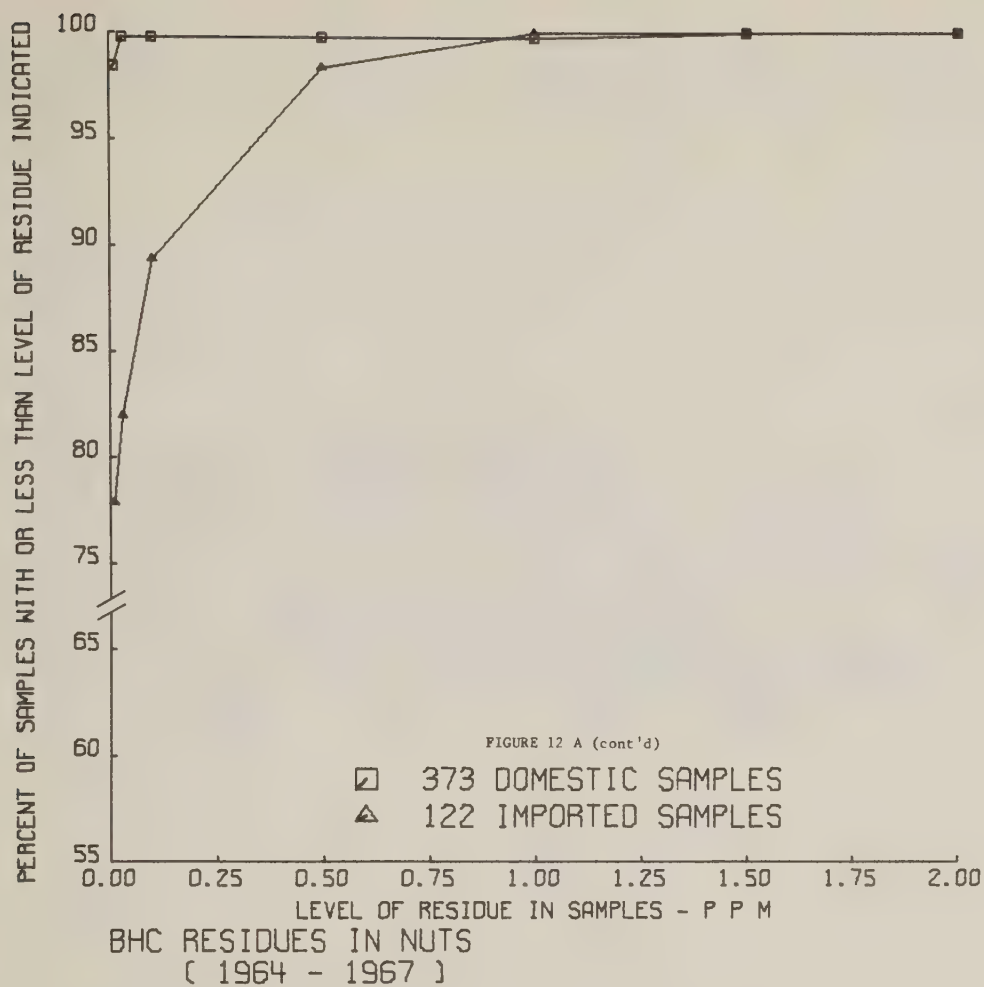


TABLE 12 A (cont'd)

NUTS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.70	100.00	100.00	96.42	98.39	71.42	86.95	94.11	80.00	77.86
TRACE-0.03	.86	0.00	0.00	3.57	1.34	5.19	0.00	0.00	20.00	4.09
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	10.38	0.00	5.88	0.00	7.37
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	12.98	4.34	0.00	0.00	9.01
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	8.69	0.00	0.00	1.63
1.01 -1.50	.43	0.00	0.00	0.00	.26	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	0.00	0.00	0.00	0.00	.05	.08	0.00	0.00	.05

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.70	100.00	100.00	96.42	98.39	71.42	86.95	94.11	80.00	77.86
0.03	99.56	100.00	100.00	99.99	99.73	76.62	86.95	94.11	100.00	81.96
0.10	99.56	100.00	100.00	99.99	99.73	87.01	86.95	99.99	100.00	89.34
0.50	99.56	100.00	100.00	99.99	99.73	99.99	91.30	99.99	100.00	98.36
1.00	99.56	100.00	100.00	99.99	99.73	99.99	99.99	99.99	100.00	99.99
1.50	99.99	100.00	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99
2.00	99.99	100.00	100.00	99.99	99.99	99.99	99.99	99.99	100.00	99.99

	NUMBER OF SAMPLES FOR BHC									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	228	46	12	81	367	55	20	16	4	95
TRACE-0.03	2	0	0	3	5	4	0	0	1	5
0.04 -0.10	0	0	0	0	0	8	0	1	0	9
0.11 -0.50	0	0	0	0	0	10	1	0	0	11
0.51 -1.00	0	0	0	0	0	0	2	0	0	2
1.01 -1.50	1	0	0	0	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122



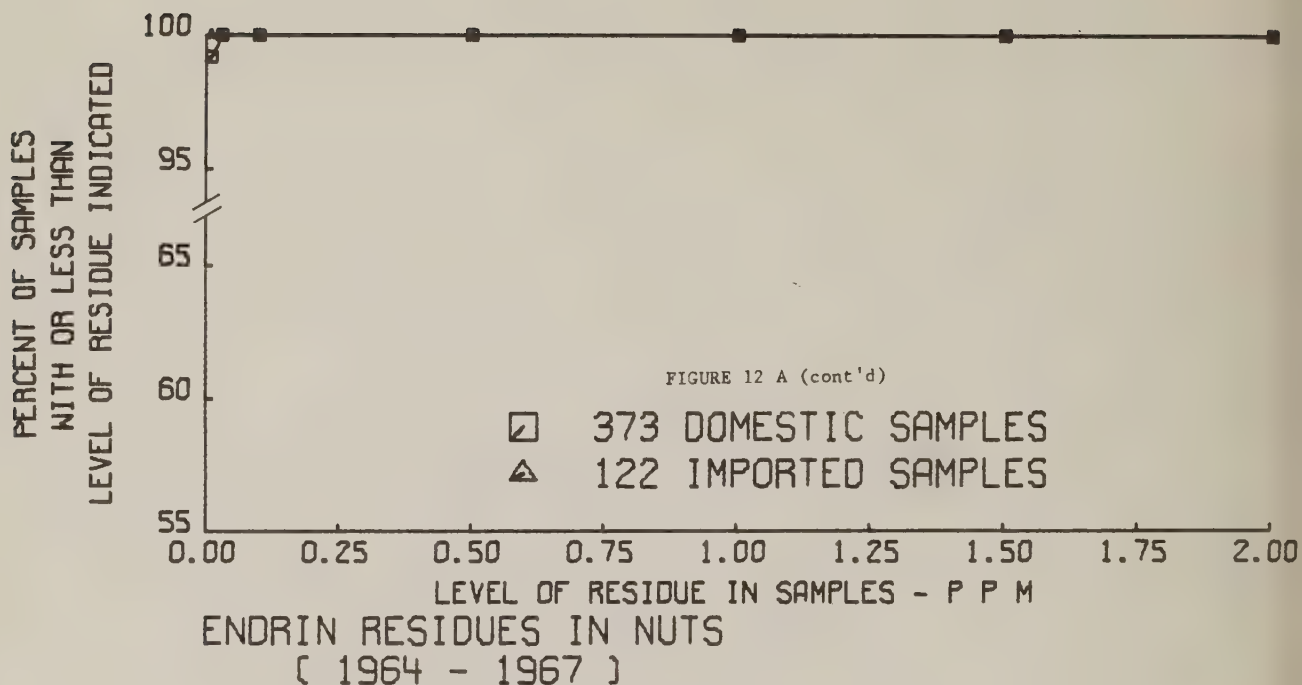


TABLE 12 A (cont'd)

NUTS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.13	100.00	100.00	98.80	99.19	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	.86	0.00	0.00	1.19	.80	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.13	100.00	100.00	98.80	99.19	100.00	100.00	100.00	100.00	100.00
0.03	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
0.10	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
0.50	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.50	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
2.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00

	NUMBER OF SAMPLES FOR ENDRIN									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	229	46	12	83	370	77	23	17	5	122
TRACE-0.03	2	0	0	1	3	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122

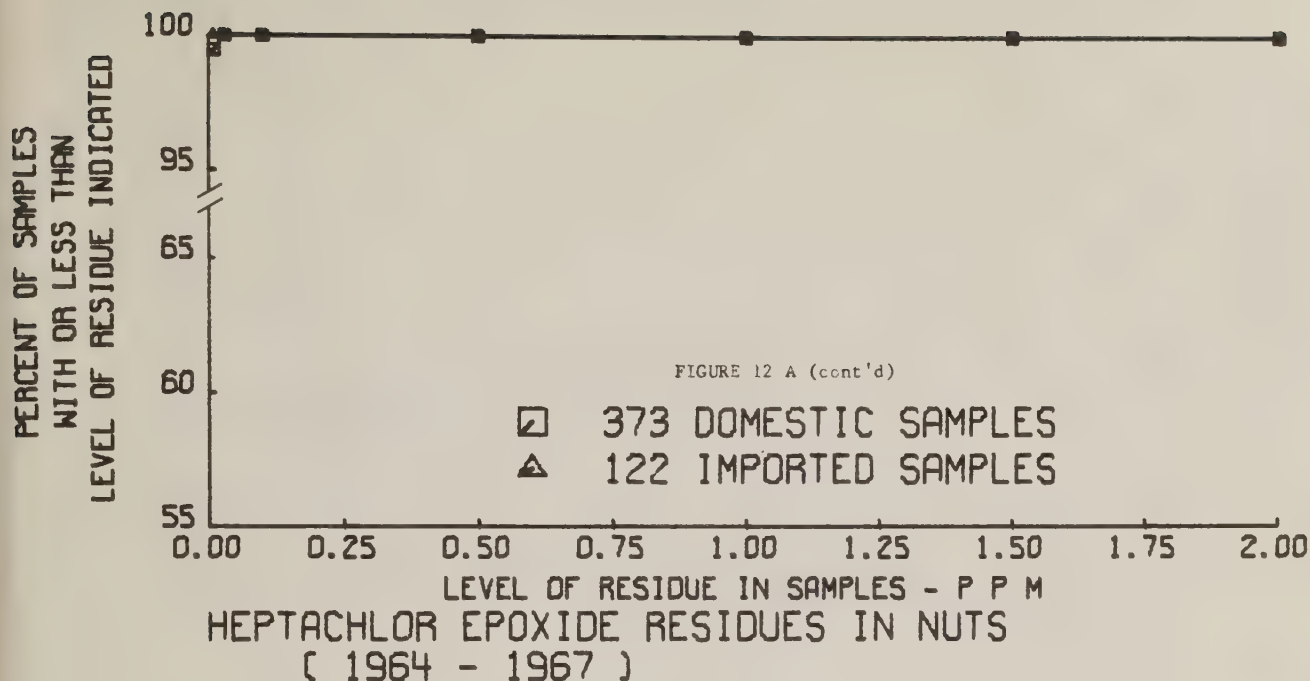


TABLE 12 A (cont'd)

NUTS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.56	100.00	100.00	98.80	99.46	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	.43	0.00	0.00	1.19	.53	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.56	100.00	100.00	98.80	99.46	100.00	100.00	100.00	100.00	100.00
0.03	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
0.10	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
0.50	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.50	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00
2.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	100.00	100.00

	NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	230	46	12	83	371	77	23	17	5	122
TRACE-0.03	1	0	0	1	2	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122

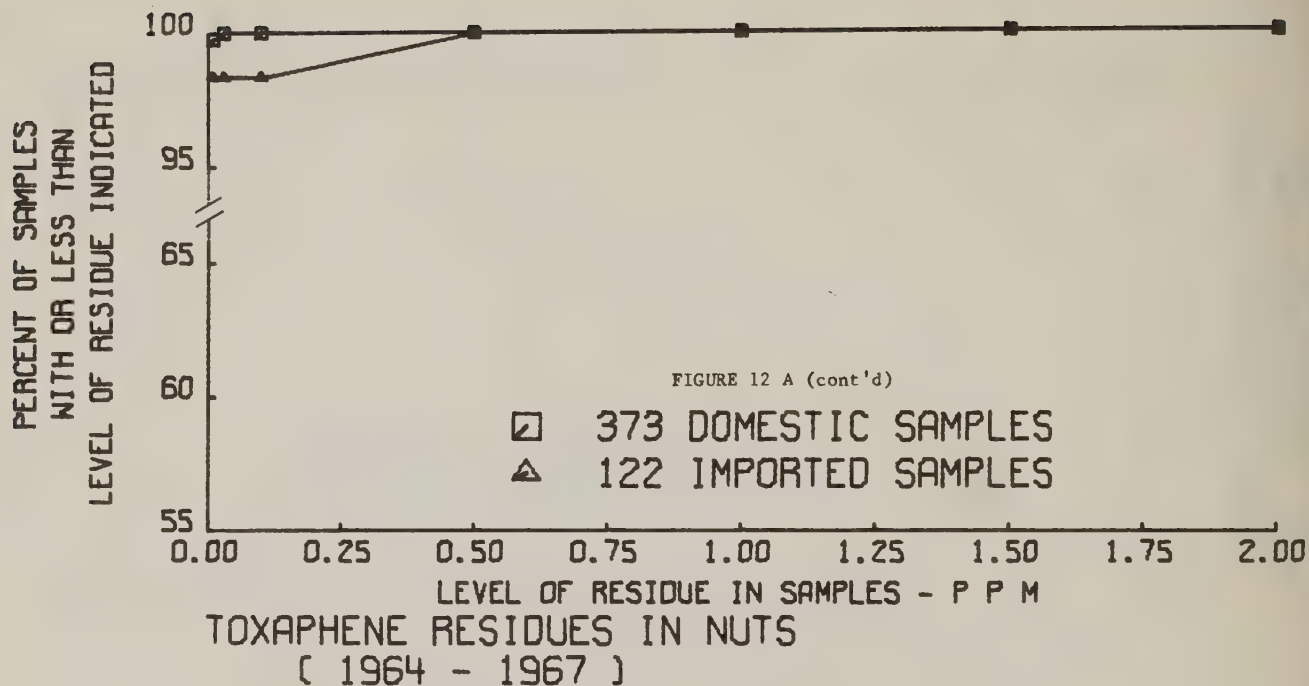


TABLE 12 A (cont'd)

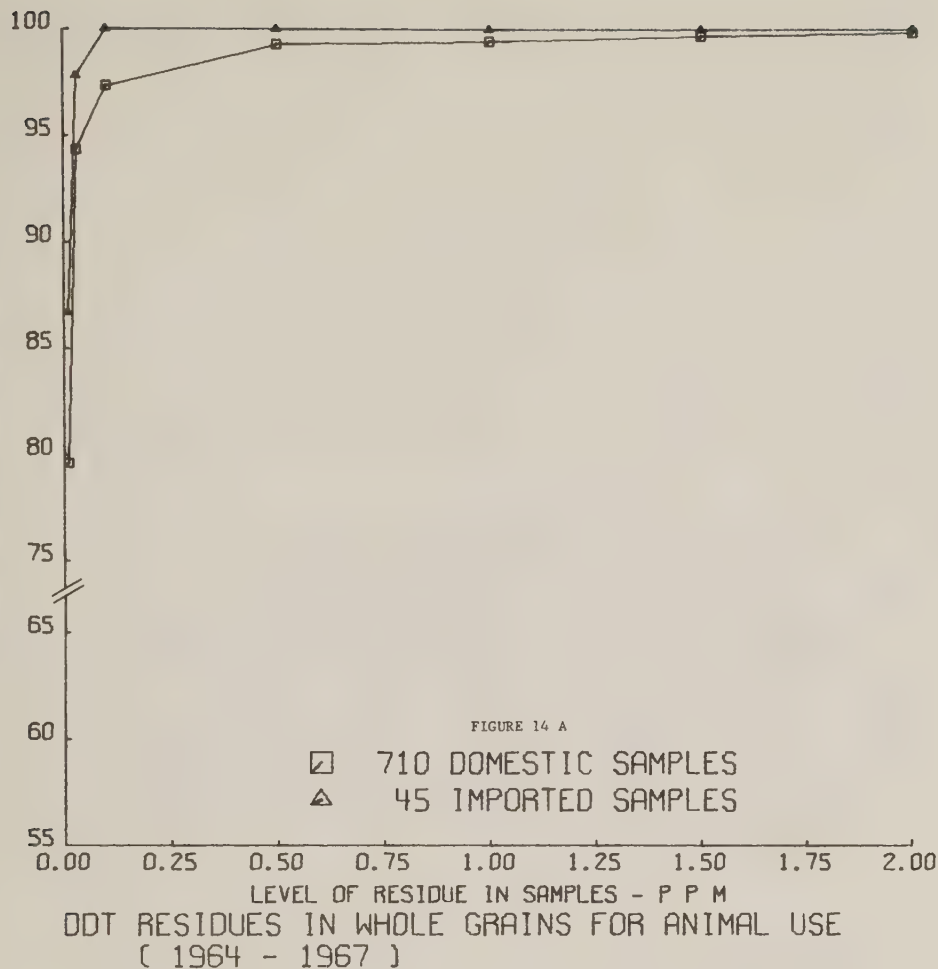
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RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	97.82	100.00	100.00	99.73	97.40	100.00	100.00	100.00	98.36
TRACE-0.03	0.00	2.17	0.00	0.00	.26	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	2.59	0.00	0.00	0.00	1.63
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	100.00	97.82	100.00	100.00	99.73	97.40	100.00	100.00	100.00	98.36
0.03	100.00	99.99	100.00	100.00	99.99	97.40	100.00	100.00	100.00	98.36
0.10	100.00	99.99	100.00	100.00	99.99	97.40	100.00	100.00	100.00	98.36
0.50	100.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	99.99
1.00	100.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	99.99
1.50	100.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	99.99
2.00	100.00	99.99	100.00	100.00	99.99	99.99	100.00	100.00	100.00	99.99

NUMBER OF SAMPLES FOR TOXAPHENE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	231	45	12	84	372	75	23	17	5	120
TRACE-0.03	0	1	0	0	1	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	2	0	0	0	2
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	231	46	12	84	373	77	23	17	5	122

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



WHOLE GRAINS FOR ANIMAL USE

TABLE 14 A

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	84.66	75.85	79.57	0.00	0.00	93.54	71.42	86.66
TRACE-0.03	0.00	0.00	9.33	18.78	14.78	0.00	0.00	3.22	28.57	11.11
0.04 -0.10	0.00	0.00	3.33	2.68	2.95	0.00	0.00	3.22	0.00	2.22
0.11 -0.50	0.00	0.00	2.00	1.95	1.97	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	.24	.14	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.33	.24	.28	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	.33	0.00	.14	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	.24	.14	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	.02	.02	.02	0.00	0.00	0.00	.01	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	84.66	75.85	79.57	0.00	0.00	93.54	71.42	86.66
0.03	0.00	0.00	93.99	94.63	94.36	0.00	0.00	96.77	99.99	97.77
0.10	0.00	0.00	97.33	97.31	97.32	0.00	0.00	99.99	99.99	99.99
0.50	0.00	0.00	99.33	99.26	99.29	0.00	0.00	99.99	99.99	99.99
1.00	0.00	0.00	99.33	99.51	99.43	0.00	0.00	99.99	99.99	99.99
1.50	0.00	0.00	99.66	99.75	99.71	0.00	0.00	99.99	99.99	99.99
2.00	0.00	0.00	99.99	99.75	99.85	0.00	0.00	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	254	311	565	0	0	29	10	39
TRACE-0.03	0	0	28	77	105	0	0	1	4	5
0.04 -0.10	0	0	10	11	21	0	0	1	0	1
0.11 -0.50	0	0	6	8	14	0	0	0	0	0
0.51 -1.00	0	0	0	1	1	0	0	0	0	0
1.01 -1.50	0	0	1	1	2	0	0	0	0	0
1.51 -2.00	0	0	1	0	1	0	0	0	0	0
ABOVE 2.00	0	0	0	1	1	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45

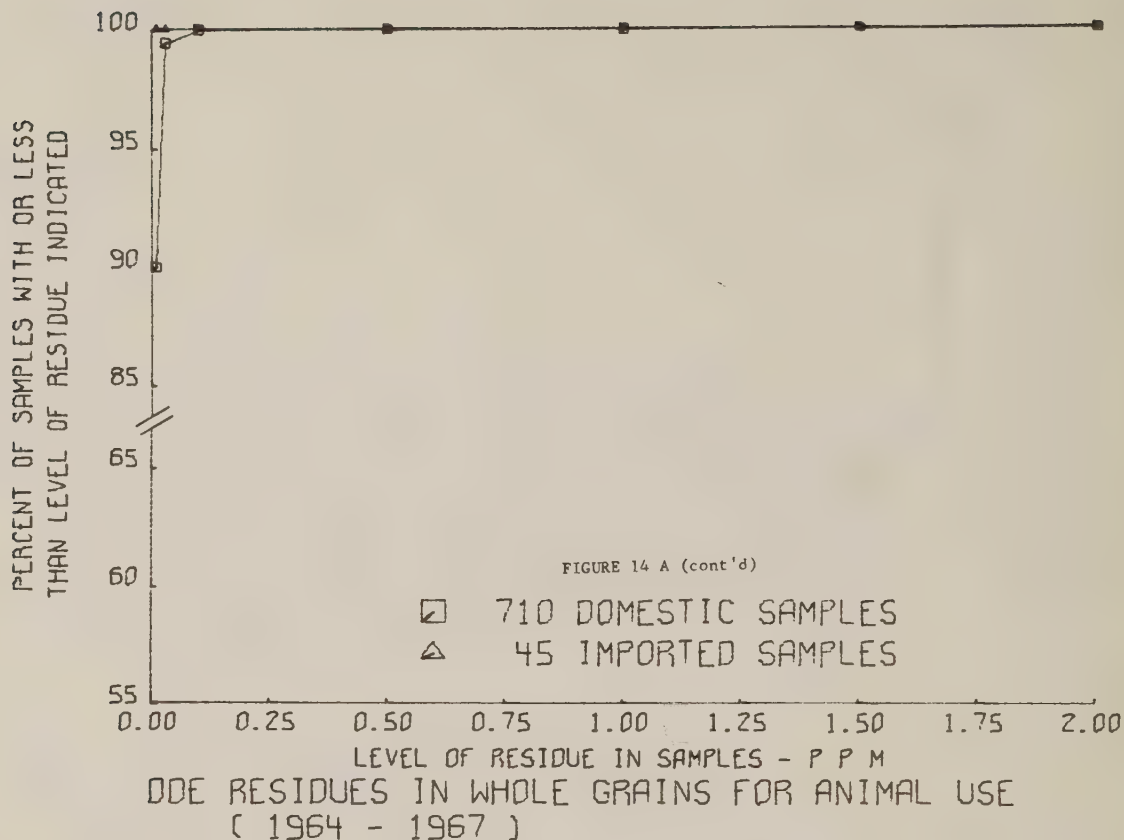


TABLE 14 A (cont'd)

WHOLE GRAINS FOR ANIMAL USE

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	92.66	88.04	90.00	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	7.00	11.21	9.43	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.33	.73	.56	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	92.66	88.04	90.00	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	99.66	99.26	99.43	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	278	361	639	0	0	31	14	45
TRACE-0.03	0	0	21	46	67	0	0	0	0	0
0.04 -0.10	0	0	1	3	4	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45



PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

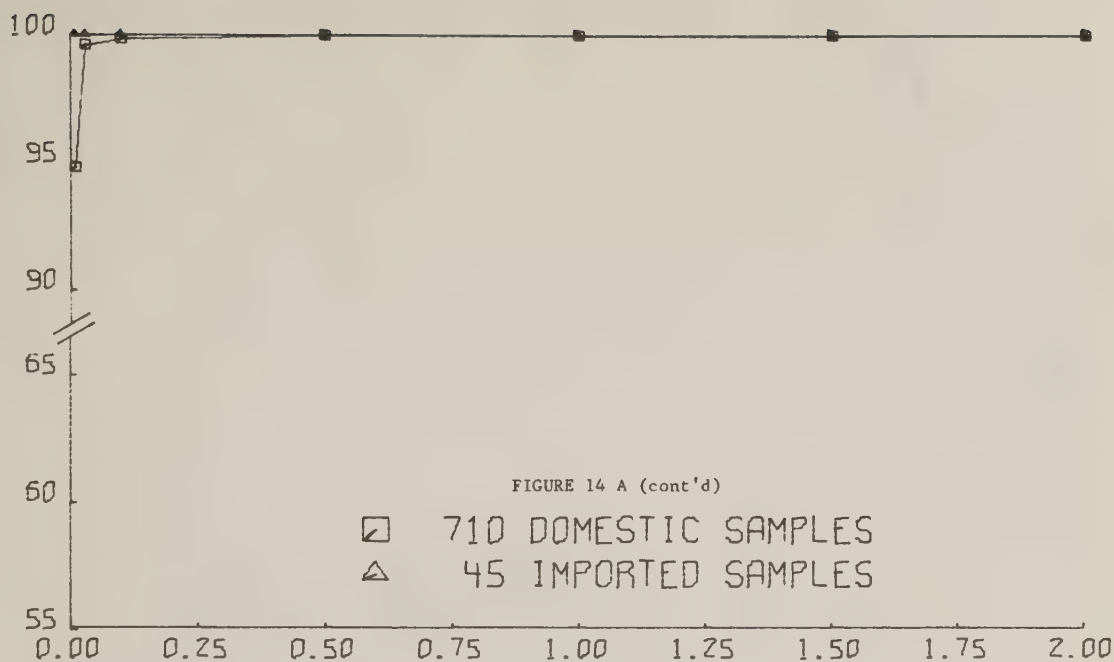


FIGURE 14 A (cont'd)

710 DOMESTIC SAMPLES  
45 IMPORTED SAMPLES

LEVEL OF RESIDUE IN SAMPLES - P P M

TDE RESIDUES IN WHOLE GRAINS FOR ANIMAL USE  
( 1964 - 1967 )

TABLE 14 A (cont'd)

WHOLE GRAINS FOR ANIMAL USE

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	96.33	93.65	94.78	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	3.00	6.09	4.78	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.66	0.00	.28	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	.24	.14	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE					CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	96.33	93.65	94.78	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	99.33	99.75	99.57	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.99	99.75	99.85	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR TDE					NUMBER OF SAMPLES FOR TDE				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	289	384	673	0	0	31	14	45
TRACE-0.03	0	0	9	25	34	0	0	0	0	0
0.04 -0.10	0	0	2	0	2	0	0	0	0	0
0.11 -0.50	0	0	0	1	1	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45

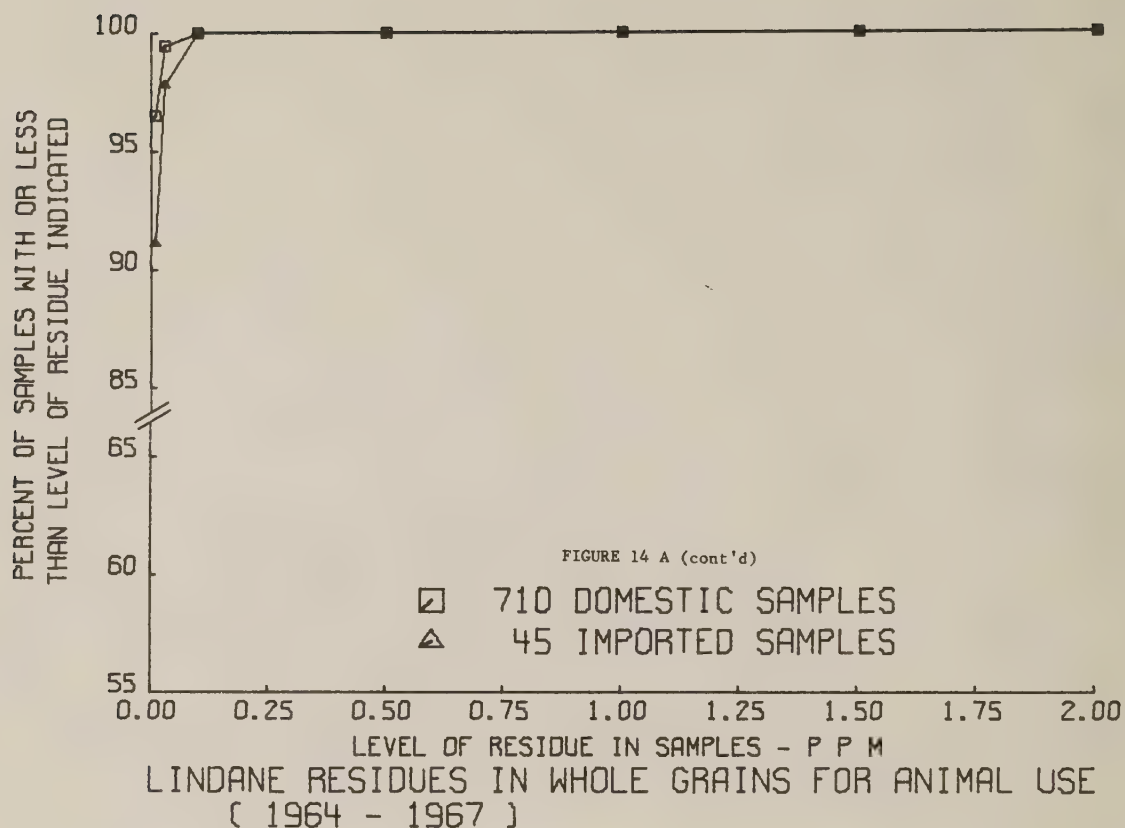


TABLE 14 A (cont'd)

WHOLE GRAINS FOR ANIMAL USE

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	97.00	96.09	96.47	0.00	0.00	87.09	100.00	91.11
TRACE-0.03	0.00	0.00	2.66	3.17	2.95	0.00	0.00	9.67	0.00	6.66
0.04 -0.10	0.00	0.00	.33	.73	.56	0.00	0.00	3.22	0.00	2.22
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	97.00	96.09	96.47	0.00	0.00	87.09	100.00	91.11
0.03	0.00	0.00	99.66	99.26	99.43	0.00	0.00	96.77	100.00	97.77
0.10	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99

RANGE PPM	NUMBER OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	291	394	685	0	0	27	14	41
TRACE-0.03	0	0	8	13	21	0	0	3	0	3
0.04 -0.10	0	0	1	3	4	0	0	1	0	1
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

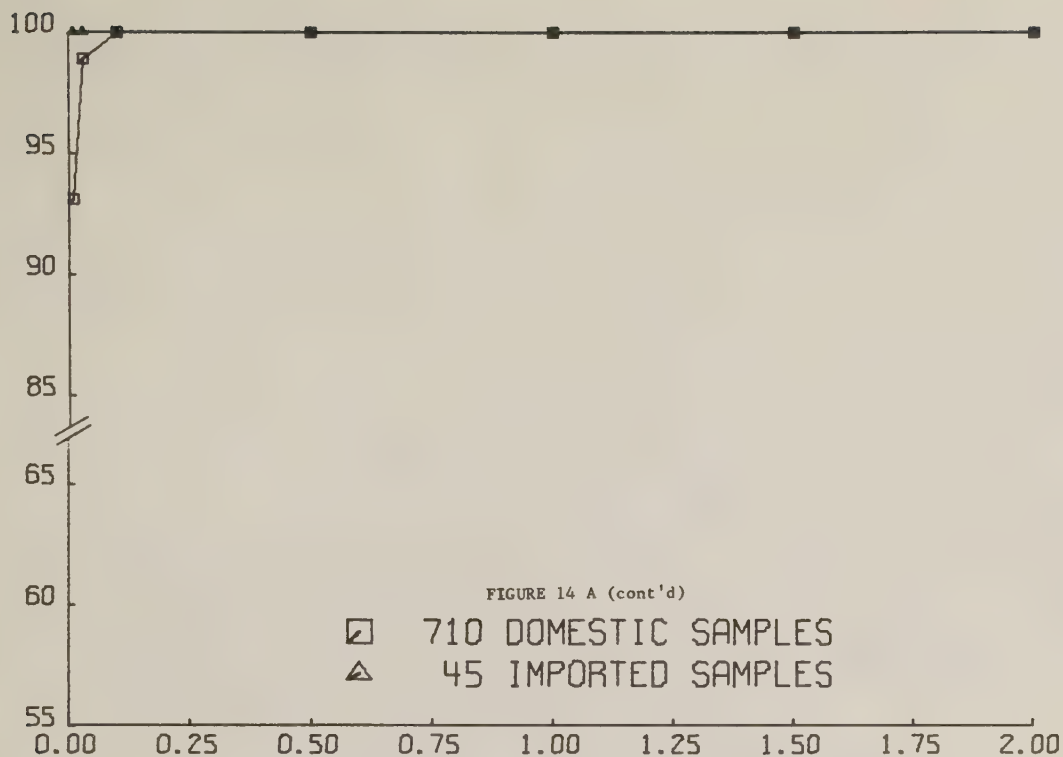


FIGURE 14 A (cont'd)

□ 710 DOMESTIC SAMPLES  
△ 45 IMPORTED SAMPLES

LEVEL OF RESIDUE IN SAMPLES - P P M  
DIELDRIN RESIDUES IN WHOLE GRAINS FOR ANIMAL USE  
( 1964 - 1967 )

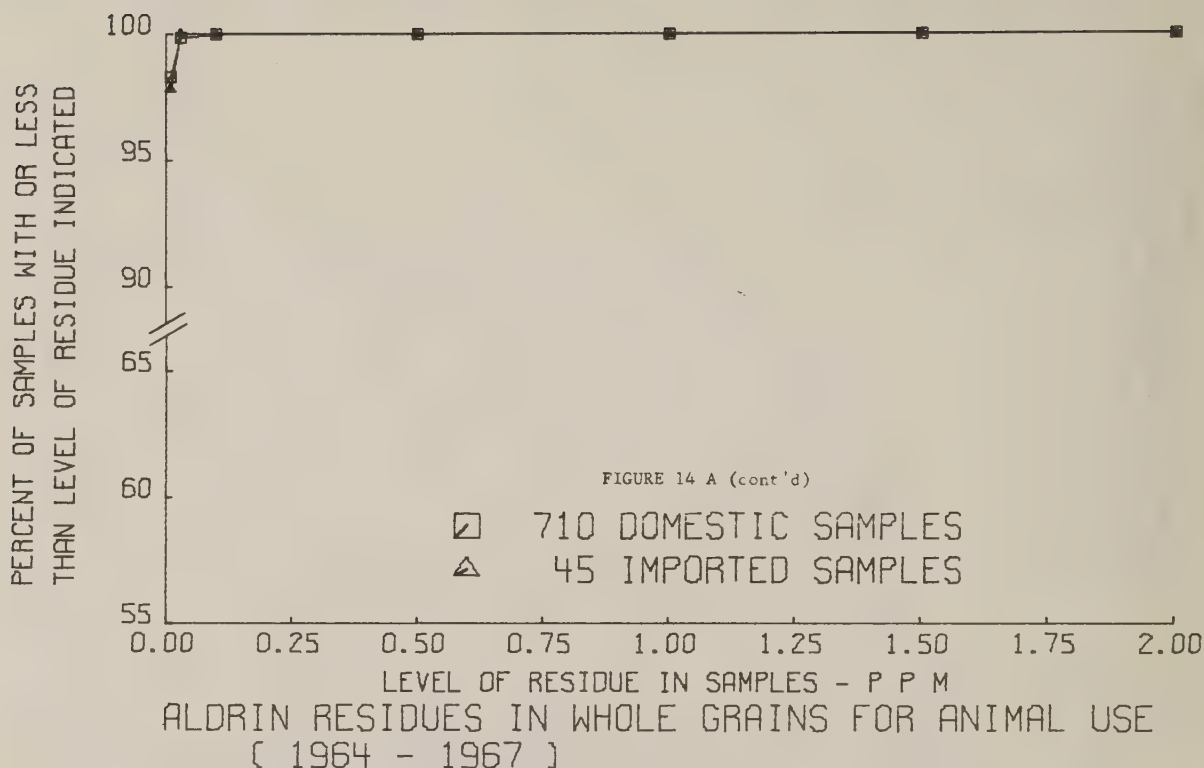
TABLE 14 A (cont'd)

WHOLE GRAINS FOR ANIMAL USE

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	94.66	91.95	93.09	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	4.33	6.82	5.77	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	1.00	1.21	1.12	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	94.66	91.95	93.09	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	98.99	98.78	98.87	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	284	377	661	0	0	31	14	45
TRACE-0.03	0	0	13	28	41	0	0	0	0	0
0.04 -0.10	0	0	3	5	8	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45



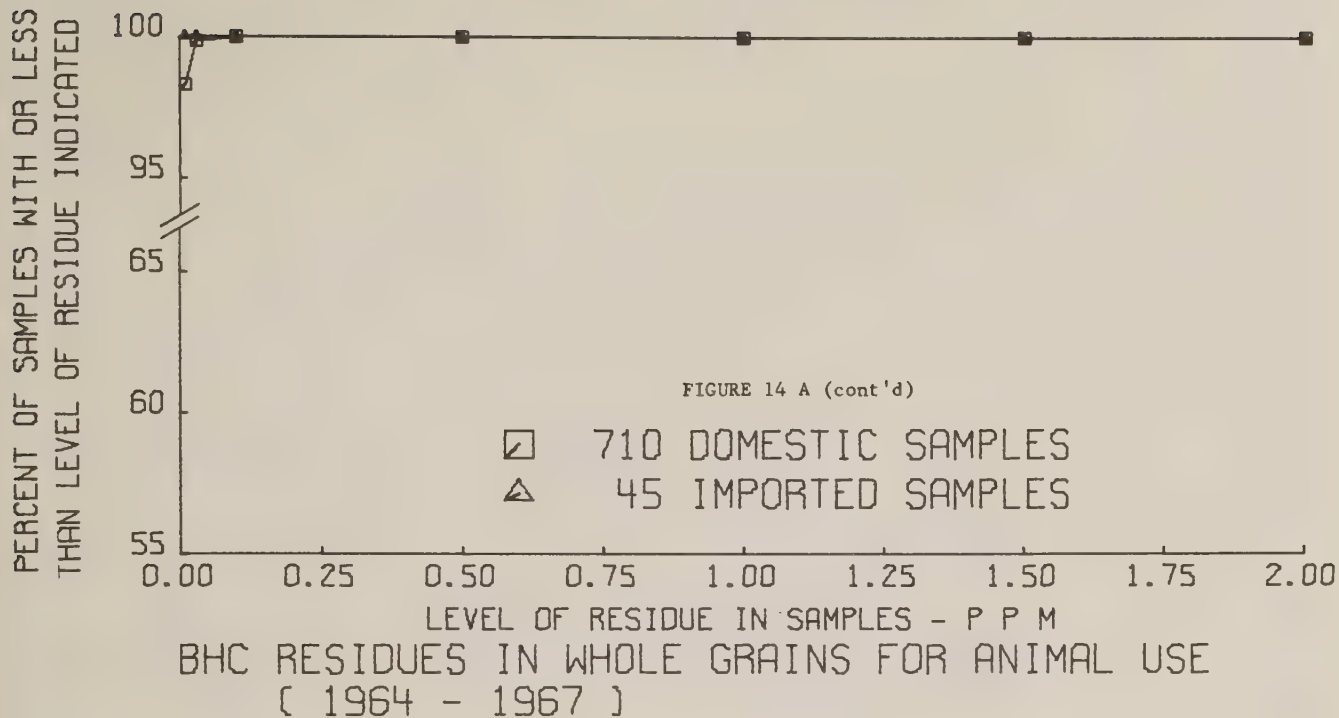
WHOLE GRAINS FOR ANIMAL USE

TABLE 14 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.66	97.31	98.30	0.00	0.00	96.77	100.00	97.77
TRACE-0.03	0.00	0.00	0.00	2.68	1.54	0.00	0.00	3.22	0.00	2.22
0.04 -0.10	0.00	0.00	.33	0.00	.14	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.66	97.31	98.30	0.00	0.00	96.77	100.00	97.77
0.03	0.00	0.00	99.66	99.99	99.85	0.00	0.00	99.99	100.00	99.99
0.10	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	99.99	100.00	99.99

NUMBER OF SAMPLES FOR ALDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	299	399	698	0	0	30	14	44
TRACE-0.03	0	0	0	11	11	0	0	1	0	1
0.04 -0.10	0	0	1	0	1	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45



WHOLE GRAINS FOR ANIMAL USE

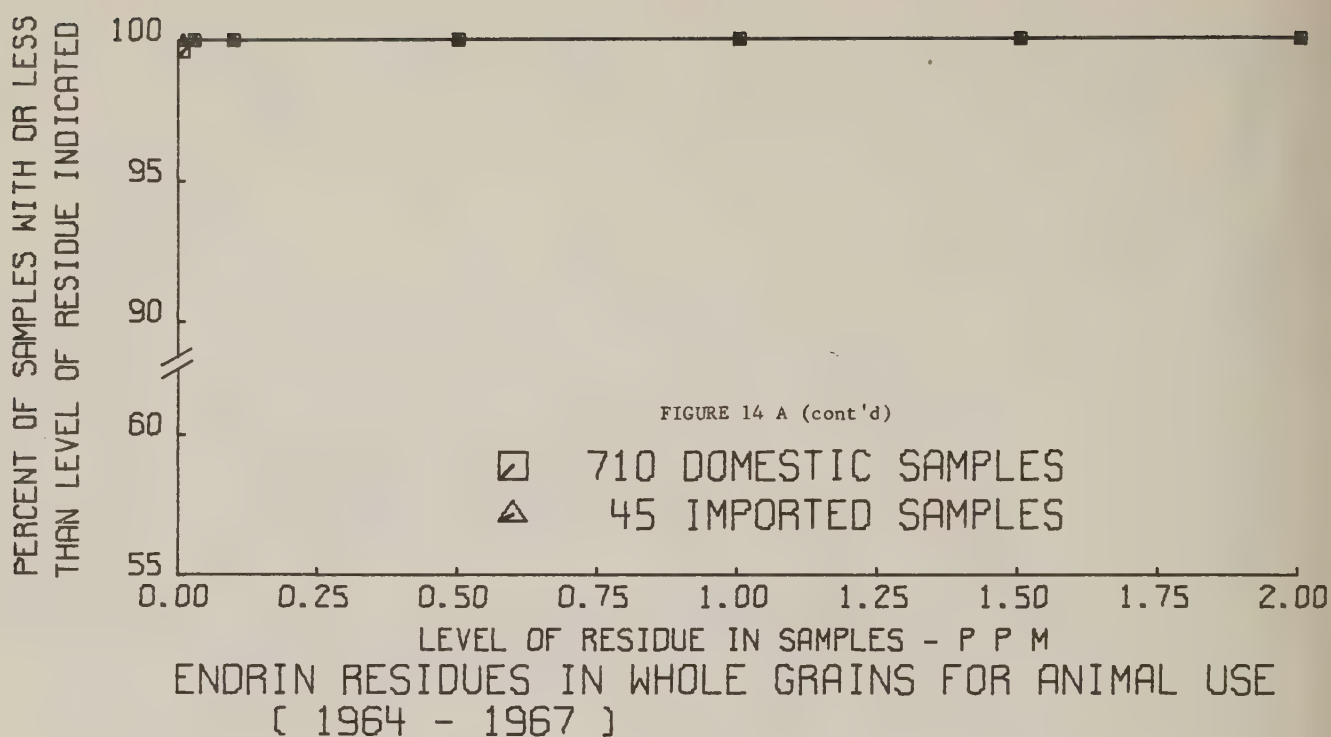
TABLE 14 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	98.66	98.04	98.30	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	1.33	1.70	1.54	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	.24	.14	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	98.66	98.04	98.30	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	99.99	99.75	99.85	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	296	402	698	0	0	31	14	45
TRACE-0.03	0	0	4	7	11	0	0	0	0	0
0.04 -0.10	0	0	0	1	1	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45





WHOLE GRAINS FOR ANIMAL USE

TABLE 14 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	99.26	99.57	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	0.00	.73	.42	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ENDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	100.00	99.26	99.57	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	100.00	99.99	99.99	0.00	0.00	100.00	100.00	100.00

NUMBER OF SAMPLES FOR ENDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	300	407	707	0	0	31	14	45
TRACE-0.03	0	0	0	3	3	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45

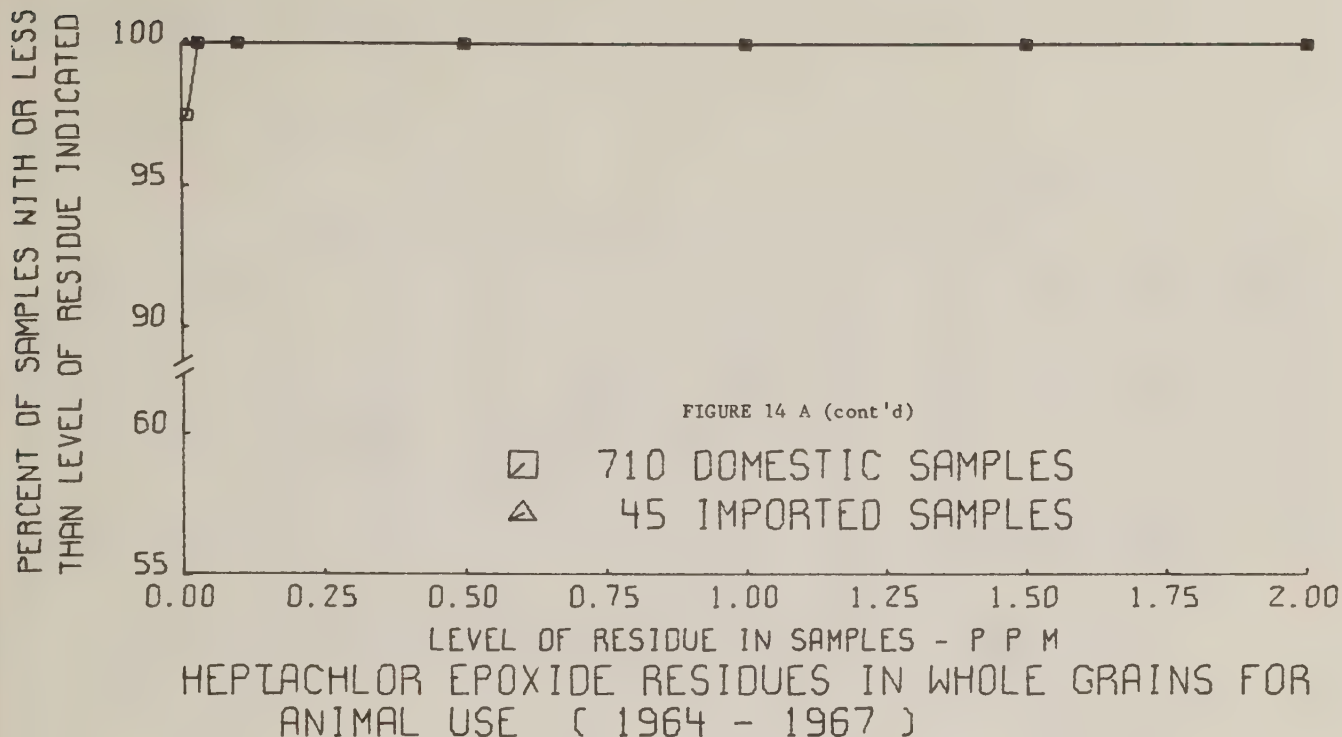


TABLE 14 A (cont'd)

WHOLE GRAINS FOR ANIMAL USE

DOMESTIC IMPORTED

PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.66	95.85	97.46	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	.33	4.14	2.53	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

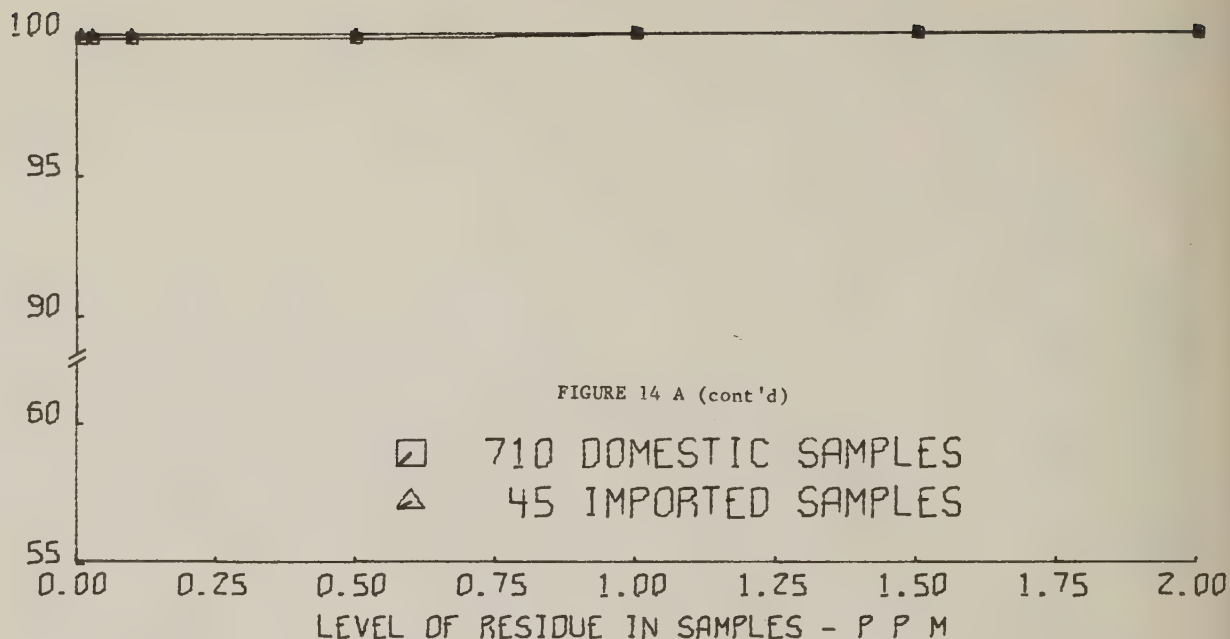
CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE

LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.66	95.85	97.46	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	99.99	99.99	0.00	0.00	100.00	100.00	100.00

NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	299	393	692	0	0	31	14	45
TRACE-0.03	0	0	1	17	18	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED



# TOXAPHENE RESIDUES IN WHOLE GRAINS FOR ANIMAL USE ( 1964 - 1967 )

TABLE 14 A (cont'd)

## WHOLE GRAINS FOR ANIMAL USE

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.66	100.00	99.85	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.33	0.00	.14	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TOXAPHENE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	99.66	100.00	99.85	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	99.66	100.00	99.85	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	99.66	100.00	99.85	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	99.66	100.00	99.85	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	99.99	100.00	99.99	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	99.99	100.00	99.99	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	99.99	100.00	99.99	0.00	0.00	100.00	100.00	100.00

NUMBER OF SAMPLES FOR TOXAPHENE										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	299	410	709	0	0	31	14	45
TRACE-0.03	0	0	0	0	0	0	0	0	0	0
0.04 -0.10	0	0	0	0	0	0	0	0	0	0
0.11 -0.50	0	0	0	0	0	0	0	0	0	0
0.51 -1.00	0	0	1	0	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45

TABLE 14 A (cont'd)

## WHOLE GRAINS FOR ANIMAL USE

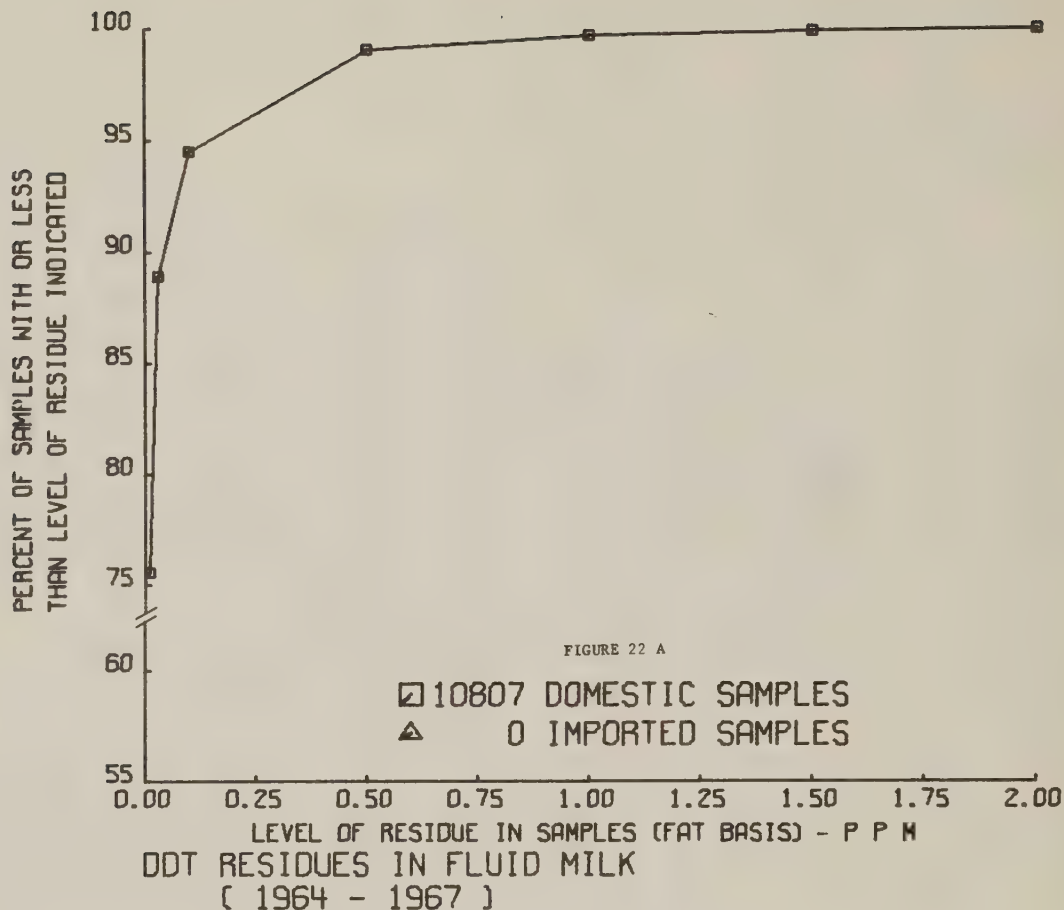
RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR MALATHION									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	93.00	88.29	90.28	0.00	0.00	100.00	100.00	100.00
TRACE-0.03	0.00	0.00	.33	3.65	2.25	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	0.00	0.00	.66	2.19	1.54	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	0.00	4.33	3.90	4.08	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	.66	.73	.70	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	.24	.14	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	.24	.14	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	1.00	.73	.84	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	.06	.07	.06	0.00	0.00	0.00	0.00	0.00

## CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR MALATHION

LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0.00	0.00	93.00	88.29	90.28	0.00	0.00	100.00	100.00	100.00
0.03	0.00	0.00	93.33	91.95	92.53	0.00	0.00	100.00	100.00	100.00
0.10	0.00	0.00	93.99	94.14	94.08	0.00	0.00	100.00	100.00	100.00
0.50	0.00	0.00	98.33	98.04	98.16	0.00	0.00	100.00	100.00	100.00
1.00	0.00	0.00	98.99	98.78	98.87	0.00	0.00	100.00	100.00	100.00
1.50	0.00	0.00	98.99	99.02	99.01	0.00	0.00	100.00	100.00	100.00
2.00	0.00	0.00	98.99	99.26	99.15	0.00	0.00	100.00	100.00	100.00

## NUMBER OF SAMPLES FOR MALATHION

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	0	0	279	362	641	0	0	31	14	45
TRACE-0.03	0	0	1	15	16	0	0	0	0	0
0.04 -0.10	0	0	2	9	11	0	0	0	0	0
0.11 -0.50	0	0	13	16	29	0	0	0	0	0
0.51 -1.00	0	0	2	3	5	0	0	0	0	0
1.01 -1.50	0	0	0	1	1	0	0	0	0	0
1.51 -2.00	0	0	0	1	1	0	0	0	0	0
ABOVE 2.00	0	0	3	3	6	0	0	0	0	0
TOTAL	0	0	300	410	710	0	0	31	14	45



FLUID MILK

TABLE 22 A

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	86.43	66.97	70.92	71.93	75.54	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	4.75	16.68	17.47	19.21	13.33	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	4.64	8.25	5.35	4.78	5.63	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	3.47	6.87	4.79	3.14	4.46	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.43	.75	.76	.61	.61	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.08	.16	.12	.17	.12	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	.08	.24	.08	.09	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.16	.20	.32	.04	.18	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.02	.05	.05	.03	.04	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	86.43	66.97	70.92	71.93	75.54	0.00	0.00	0.00	0.00	0.00
0.03	91.19	83.65	88.40	91.14	88.87	0.00	0.00	0.00	0.00	0.00
0.10	95.84	91.91	93.75	95.92	94.51	0.00	0.00	0.00	0.00	0.00
0.50	99.32	98.78	98.55	99.07	98.97	0.00	0.00	0.00	0.00	0.00
1.00	99.75	99.53	99.21	99.69	99.59	0.00	0.00	0.00	0.00	0.00
1.50	99.83	99.70	99.43	99.86	99.72	0.00	0.00	0.00	0.00	0.00
2.00	99.83	99.79	99.67	99.95	99.81	0.00	0.00	0.00	0.00	0.00

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	3180	1598	1761	1625	8164	0	0	0	0	0
TRACE-0.03	175	398	434	434	1441	0	0	0	0	0
0.04 -0.10	171	197	133	108	609	0	0	0	0	0
0.11 -0.50	128	164	119	71	482	0	0	0	0	0
0.51 -1.00	16	18	19	14	67	0	0	0	0	0
1.01 -1.50	3	4	3	4	14	0	0	0	0	0
1.51 -2.00	0	2	6	2	10	0	0	0	0	0
ABOVE 2.00	6	5	8	1	20	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0



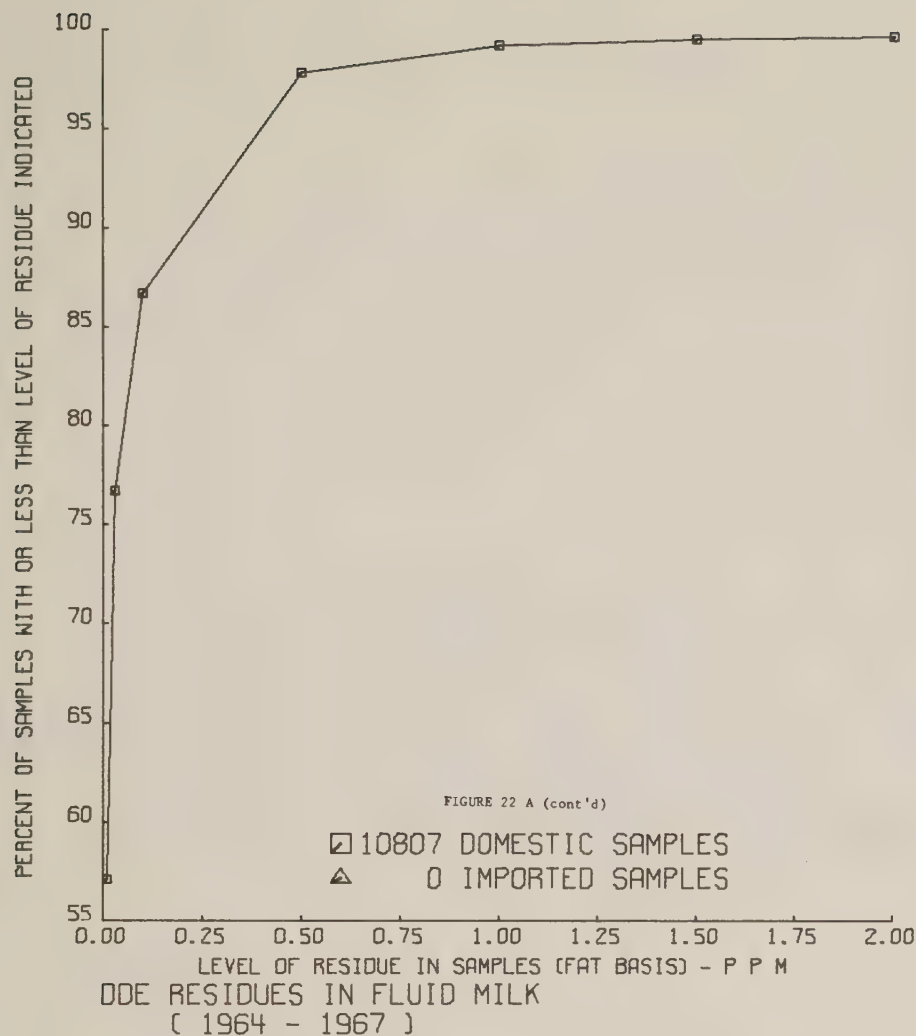


TABLE 22 A (cont'd)

FLUID MILK

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	75.04	48.53	46.15	49.00	57.11	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	10.81	23.26	23.88	25.27	19.58	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	6.82	13.11	13.97	7.52	10.00	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	6.44	13.03	13.37	14.65	11.20	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.70	1.67	1.20	2.70	1.45	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.10	.20	.80	.35	.34	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.02	.08	.28	.30	.15	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.02	.08	.32	.17	.13	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.03	.07	.12	.09	.07	0.00	0.00	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	75.04	48.53	46.15	49.00	57.11	0.00	0.00	0.00	0.00	0.00
0.03	85.86	71.79	70.03	74.28	76.70	0.00	0.00	0.00	0.00	0.00
0.10	92.68	84.91	84.01	81.80	86.70	0.00	0.00	0.00	0.00	0.00
0.50	99.13	97.94	97.38	96.45	97.90	0.00	0.00	0.00	0.00	0.00
1.00	99.83	99.62	98.59	99.15	99.36	0.00	0.00	0.00	0.00	0.00
1.50	99.94	99.83	99.39	99.51	99.70	0.00	0.00	0.00	0.00	0.00
2.00	99.97	99.91	99.67	99.82	99.86	0.00	0.00	0.00	0.00	0.00

	NUMBER OF SAMPLES FOR DDE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2761	1158	1146	1107	6172	0	0	0	0	0
TRACE-0.03	398	555	593	571	2117	0	0	0	0	0
0.04 -0.10	251	313	347	170	1081	0	0	0	0	0
0.11 -0.50	237	311	332	331	1211	0	0	0	0	0
0.51 -1.00	26	40	30	61	157	0	0	0	0	0
1.01 -1.50	4	5	20	8	37	0	0	0	0	0
1.51 -2.00	1	2	7	7	17	0	0	0	0	0
ABOVE 2.00	1	2	8	4	15	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0

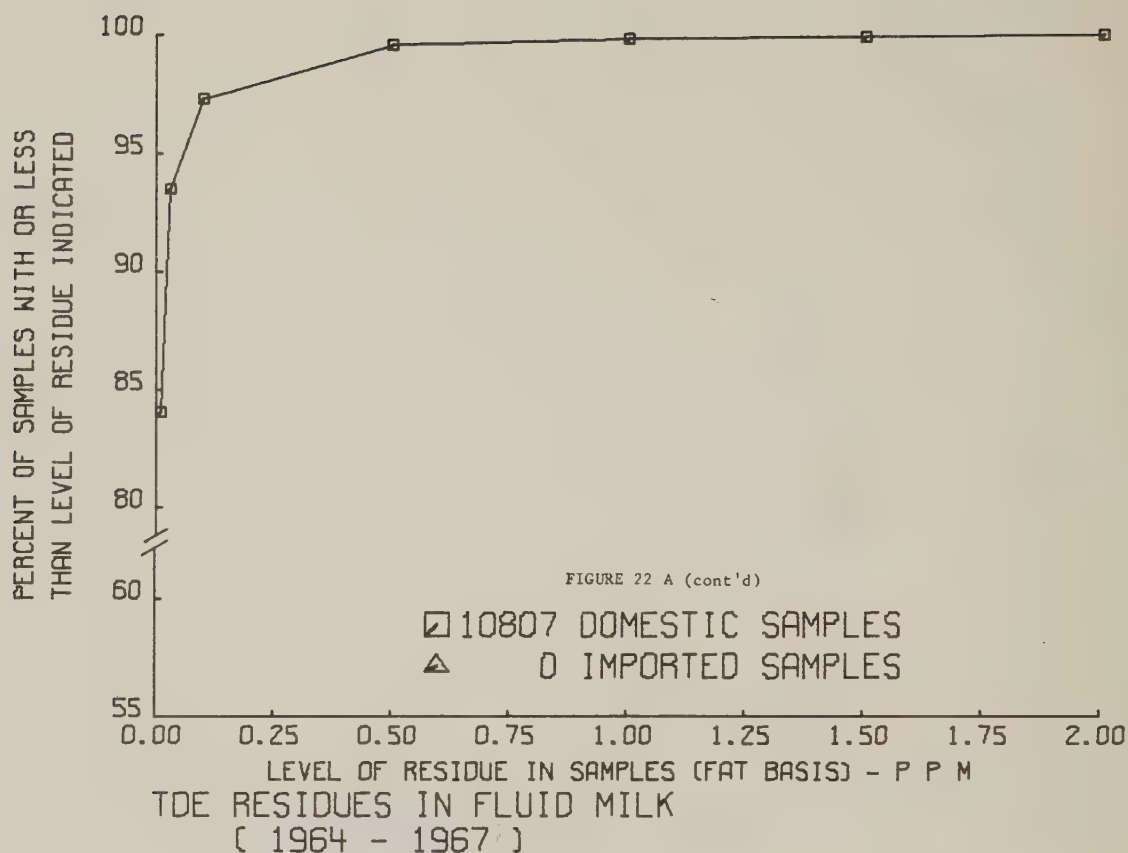


TABLE 22 A (cont'd)

FLUID MILK

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.04	80.34	81.83	82.16	84.02	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	6.03	10.26	10.18	13.36	9.45	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	2.77	6.07	4.55	2.21	3.79	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	1.95	2.76	2.77	1.77	2.28	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.13	.25	.20	.30	.21	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	.08	.16	.13	.08	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.02	0.00	.04	0.00	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.02	.20	.24	.04	.12	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.03	.03	.02	.02	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	89.04	80.34	81.83	82.16	84.02	0.00	0.00	0.00	0.00	0.00
0.03	95.08	90.61	92.02	95.52	93.48	0.00	0.00	0.00	0.00	0.00
0.10	97.85	96.68	96.57	97.74	97.27	0.00	0.00	0.00	0.00	0.00
0.50	99.80	99.45	99.35	99.51	99.56	0.00	0.00	0.00	0.00	0.00
1.00	99.94	99.70	99.55	99.82	99.77	0.00	0.00	0.00	0.00	0.00
1.50	99.94	99.79	99.71	99.95	99.86	0.00	0.00	0.00	0.00	0.00
2.00	99.97	99.79	99.75	99.95	99.87	0.00	0.00	0.00	0.00	0.00

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	3276	1917	2032	1856	9081	0	0	0	0	0
TRACE-0.03	222	245	253	302	1022	0	0	0	0	0
0.04 -0.10	102	145	113	50	410	0	0	0	0	0
0.11 -0.50	72	66	69	40	247	0	0	0	0	0
0.51 -1.00	5	6	5	7	23	0	0	0	0	0
1.01 -1.50	0	2	4	3	9	0	0	0	0	0
1.51 -2.00	1	0	1	0	2	0	0	0	0	0
ABOVE 2.00	1	5	6	1	13	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0

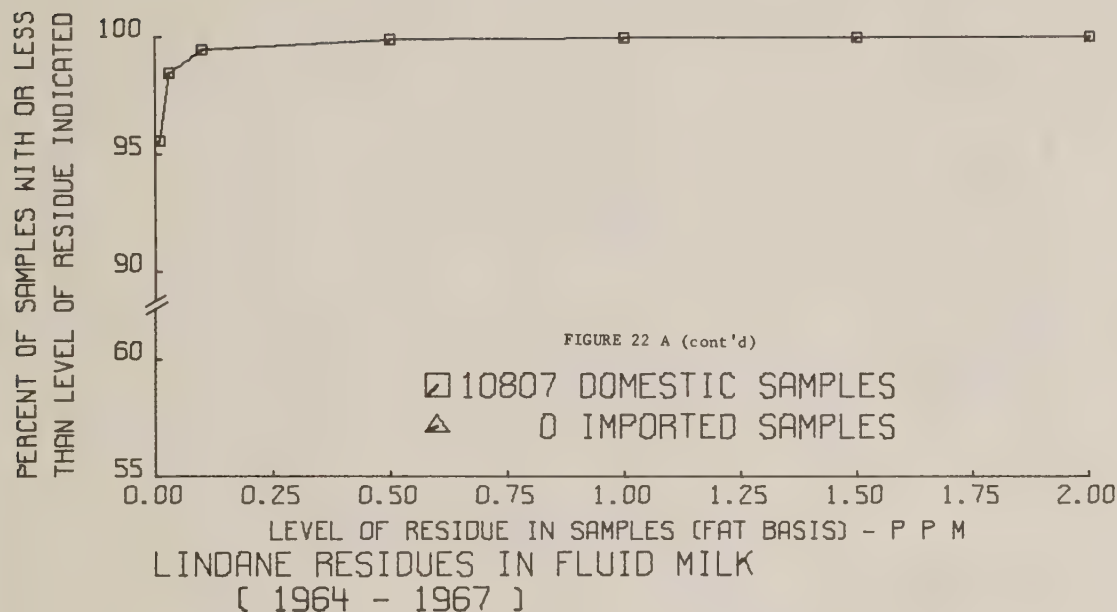


TABLE 22 A (cont'd)

FLUID MILK

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.44	94.80	97.70	97.47	95.56	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	4.40	3.43	1.24	1.63	2.88	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	1.60	1.25	.24	.49	.98	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.48	.50	.60	.30	.48	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.05	0.00	.16	0.00	.05	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	.08	.01	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	93.44	94.80	97.70	97.47	95.56	0.00	0.00	0.00	0.00	0.00
0.03	97.85	98.23	98.95	99.11	98.45	0.00	0.00	0.00	0.00	0.00
0.10	99.45	99.49	99.19	99.60	99.43	0.00	0.00	0.00	0.00	0.00
0.50	99.94	99.99	99.79	99.91	99.91	0.00	0.00	0.00	0.00	0.00
1.00	99.99	99.99	99.95	99.91	99.97	0.00	0.00	0.00	0.00	0.00
1.50	99.99	99.99	99.99	99.91	99.98	0.00	0.00	0.00	0.00	0.00
2.00	99.99	99.99	99.99	99.91	99.98	0.00	0.00	0.00	0.00	0.00

RANGE PPM	NUMBER OF SAMPLES FOR LINDANE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	3438	2262	2426	2202	10328	0	0	0	0	0
TRACE-0.03	162	82	31	37	312	0	0	0	0	0
0.04 -0.10	59	30	6	11	106	0	0	0	0	0
0.11 -0.50	18	12	15	7	52	0	0	0	0	0
0.51 -1.00	2	0	4	0	6	0	0	0	0	0
1.01 -1.50	0	0	1	0	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	2	2	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0

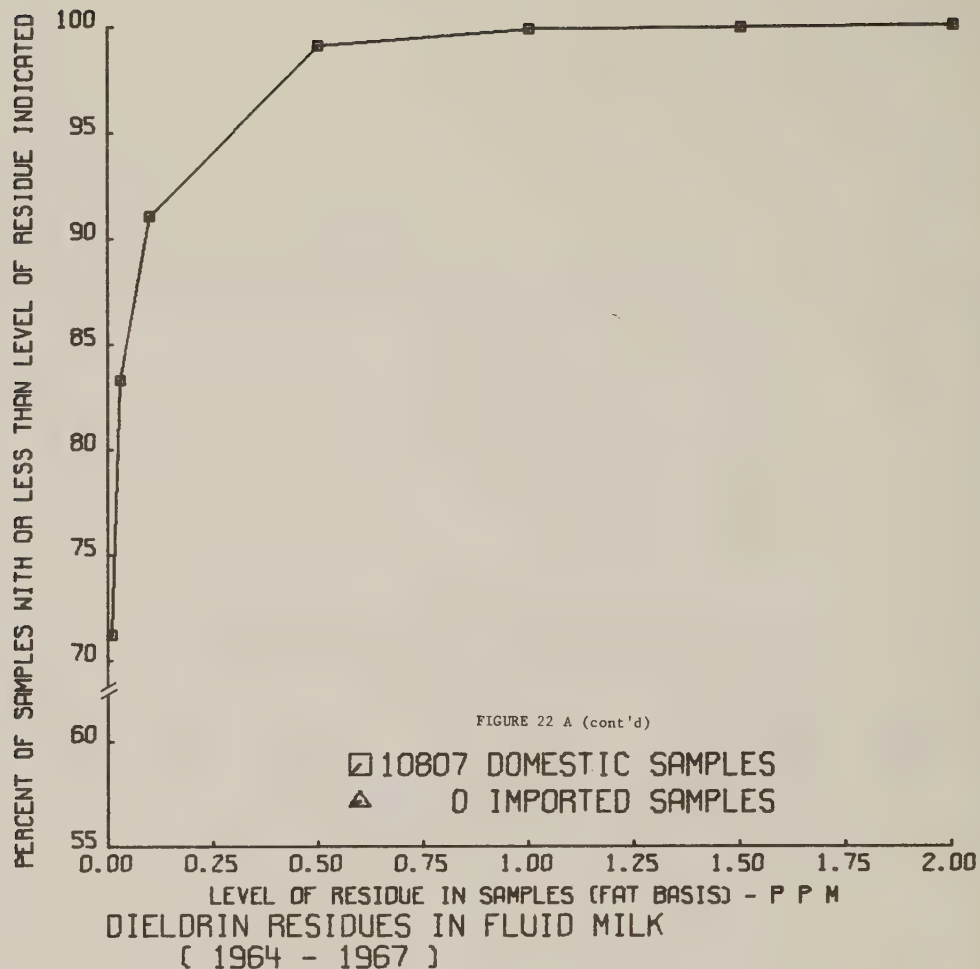


TABLE 22 A (cont'd)

FLUID MILK

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	83.17	61.69	59.96	74.01	71.18	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	6.36	15.00	14.41	15.80	12.09	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	4.40	9.89	11.11	7.25	7.75	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	5.06	11.86	13.53	2.78	8.04	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.84	1.42	.72	.08	.78	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.02	.08	.08	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.02	.04	.04	0.00	.02	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.08	0.00	.12	.04	.06	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.03	.06	.06	.02	.04	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	83.17	61.69	59.96	74.01	71.18	0.00	0.00	0.00	0.00	0.00
0.03	89.53	76.69	74.38	89.81	83.27	0.00	0.00	0.00	0.00	0.00
0.10	93.93	86.58	85.50	97.07	91.03	0.00	0.00	0.00	0.00	0.00
0.50	99.02	98.44	99.03	99.86	99.07	0.00	0.00	0.00	0.00	0.00
1.00	99.86	99.87	99.75	99.95	99.86	0.00	0.00	0.00	0.00	0.00
1.50	99.89	99.95	99.83	99.95	99.90	0.00	0.00	0.00	0.00	0.00
2.00	99.91	99.99	99.87	99.95	99.93	0.00	0.00	0.00	0.00	0.00

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	3060	1472	1489	1672	7693	0	0	0	0	0
TRACE-0.03	234	358	358	357	1307	0	0	0	0	0
0.04 -0.10	162	236	276	164	838	0	0	0	0	0
0.11 -0.50	187	283	336	63	869	0	0	0	0	0
0.51 -1.00	31	34	18	2	85	0	0	0	0	0
1.01 -1.50	1	2	2	0	5	0	0	0	0	0
1.51 -2.00	1	1	1	0	3	0	0	0	0	0
ABOVE 2.00	3	0	3	1	7	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

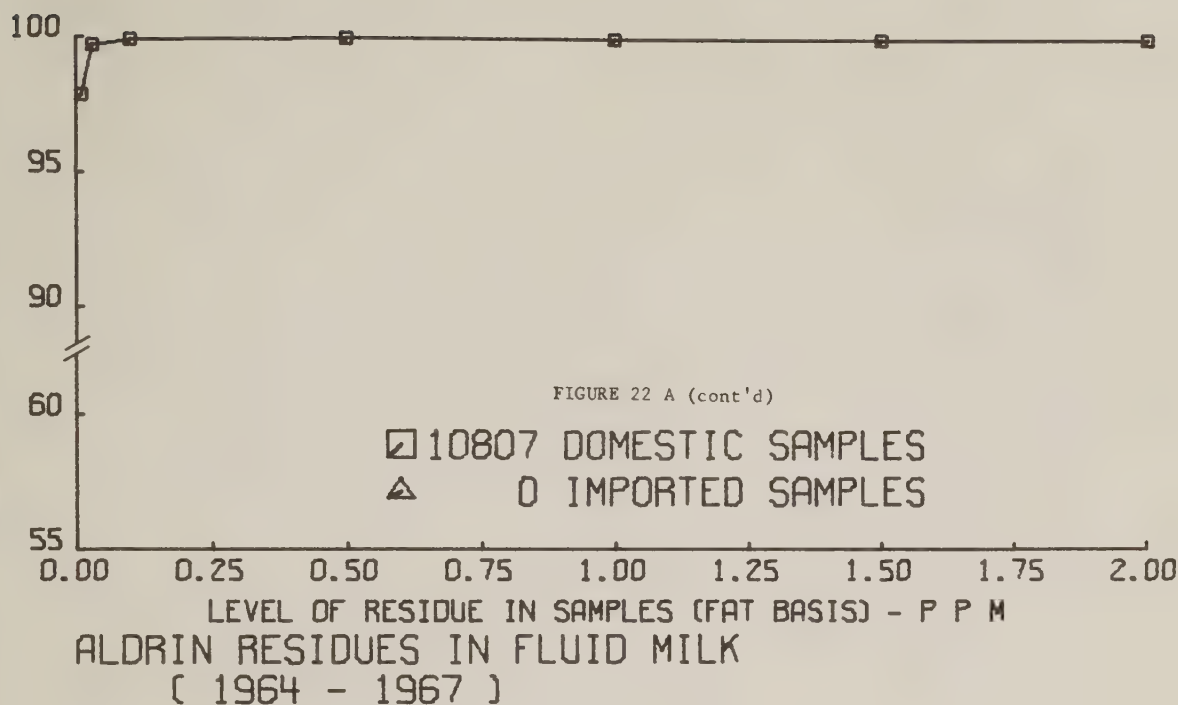


TABLE 22 A (cont'd)

FLUID MILK

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.75	99.37	95.56	95.57	97.83	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	.13	.54	3.62	4.11	1.85	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.10	.04	.36	.26	.18	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	0.00	.04	.44	0.00	.11	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	.04	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.75	99.37	95.56	95.57	97.83	0.00	0.00	0.00	0.00	0.00
0.03	99.89	99.91	99.19	99.69	99.69	0.00	0.00	0.00	0.00	0.00
0.10	99.99	99.95	99.55	99.75	99.87	0.00	0.00	0.00	0.00	0.00
0.50	99.99	99.99	99.99	99.95	99.99	0.00	0.00	0.00	0.00	0.00
1.00	99.99	99.99	99.99	99.95	99.99	0.00	0.00	0.00	0.00	0.00
1.50	99.99	99.99	99.99	99.99	99.99	0.00	0.00	0.00	0.00	0.00
2.00	99.99	99.99	99.99	99.99	99.99	0.00	0.00	0.00	0.00	0.00

NUMBER OF SAMPLES FOR ALDRIN										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	3670	2371	2373	2159	10573	0	0	0	0	0
TRACE-0.03	5	13	90	93	201	0	0	0	0	0
0.04 -0.10	4	1	9	6	20	0	0	0	0	0
0.11 -0.50	0	1	11	0	12	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	1	1	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0



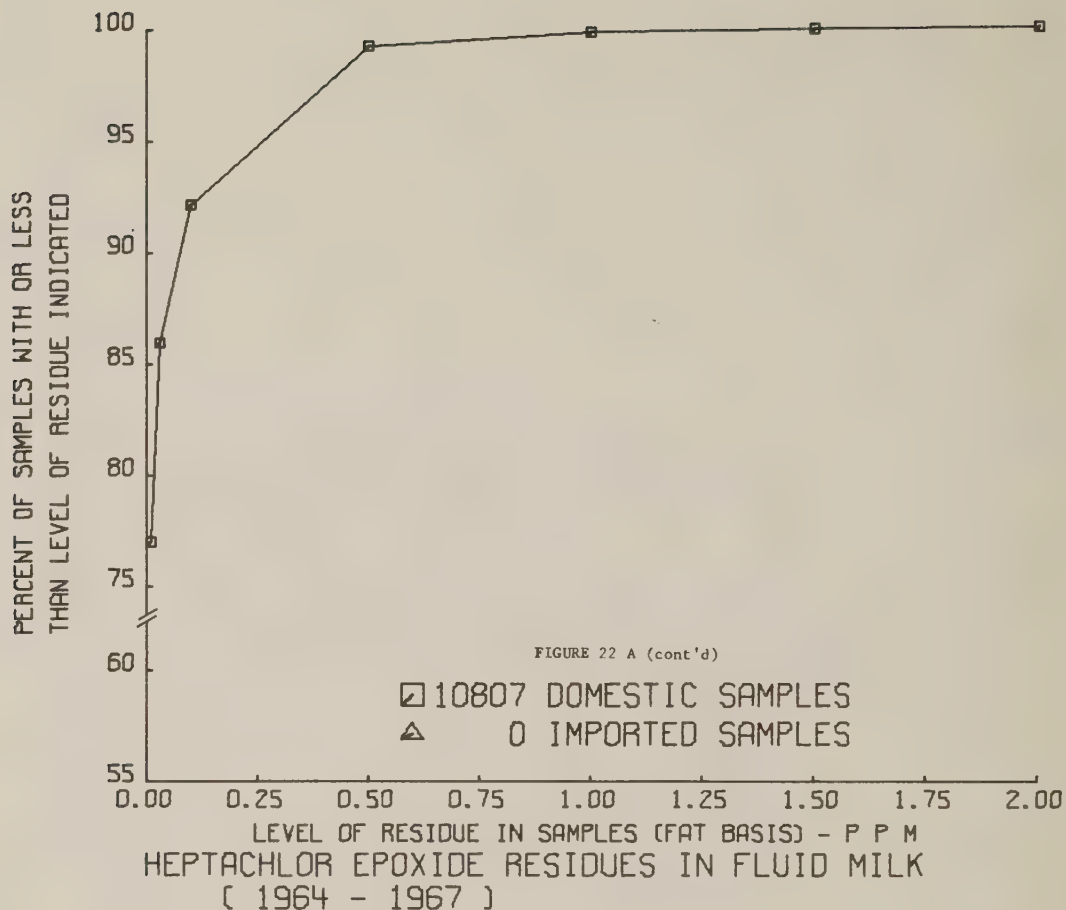


TABLE 22 A (cont'd)

FLUID MILK

DOMESTIC

IMPORTED

PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	80.67	62.57	77.24	85.92	76.98	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	5.89	10.72	10.22	10.62	8.94	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	4.43	9.76	8.61	2.78	6.22	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	7.82	15.38	3.86	.66	7.08	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.86	1.21	.04	0.00	.57	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.16	.33	0.00	0.00	.12	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	.10	0.00	0.00	0.00	.03	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.04	.07	.02	.01	.03	0.00	0.00	0.00	0.00	0.00

CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE

LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	80.67	62.57	77.24	85.92	76.98	0.00	0.00	0.00	0.00	0.00
0.03	86.57	73.30	87.47	96.54	85.93	0.00	0.00	0.00	0.00	0.00
0.10	91.00	83.06	96.09	99.33	92.16	0.00	0.00	0.00	0.00	0.00
0.50	98.83	98.44	99.95	99.99	99.25	0.00	0.00	0.00	0.00	0.00
1.00	99.70	99.66	99.99	99.99	99.82	0.00	0.00	0.00	0.00	0.00
1.50	99.86	99.99	99.99	99.99	99.95	0.00	0.00	0.00	0.00	0.00
2.00	99.97	99.99	99.99	99.99	99.99	0.00	0.00	0.00	0.00	0.00

NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE

RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	2968	1493	1918	1941	8320	0	0	0	0	0
TRACE-0.03	217	256	254	240	967	0	0	0	0	0
0.04 -0.10	163	233	214	63	673	0	0	0	0	0
0.11 -0.50	288	367	96	15	766	0	0	0	0	0
0.51 -1.00	32	29	1	0	62	0	0	0	0	0
1.01 -1.50	6	8	0	0	14	0	0	0	0	0
1.51 -2.00	4	0	0	0	4	0	0	0	0	0
ABOVE 2.00	1	0	0	0	1	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0

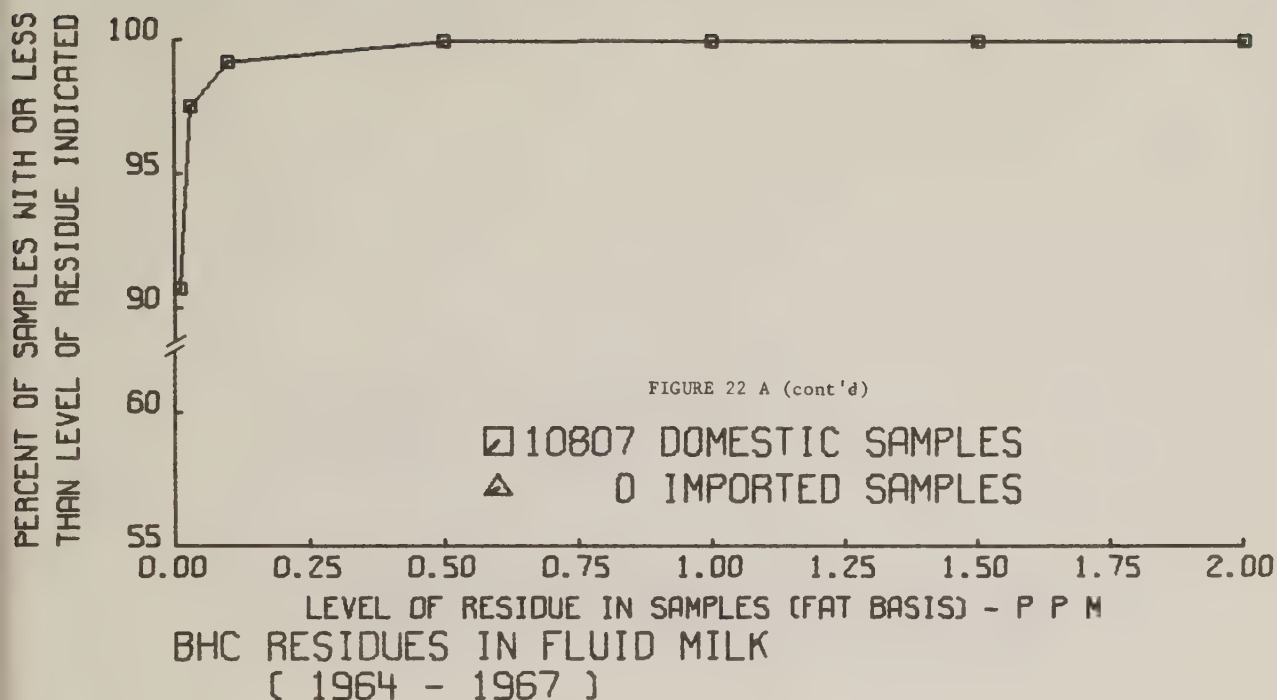


TABLE 22 A (cont'd)

FLUID MILK

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.39	89.85	90.57	80.83	90.70	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	.78	7.25	8.05	14.69	6.79	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.73	2.13	.84	3.49	1.64	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.89	.75	.48	.97	.78	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.13	0.00	0.00	0.00	.04	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.05	0.00	.04	0.00	.02	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.01	.01	0.00	.01	.01	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	97.39	89.85	90.57	80.83	90.70	0.00	0.00	0.00	0.00	0.00
0.03	98.17	97.10	98.63	95.52	97.49	0.00	0.00	0.00	0.00	0.00
0.10	98.91	99.24	99.47	99.02	99.13	0.00	0.00	0.00	0.00	0.00
0.50	99.80	99.99	99.95	99.99	99.92	0.00	0.00	0.00	0.00	0.00
1.00	99.94	99.99	99.95	99.99	99.97	0.00	0.00	0.00	0.00	0.00
1.50	99.99	99.99	99.99	99.99	99.99	0.00	0.00	0.00	0.00	0.00
2.00	99.99	99.99	99.99	99.99	99.99	0.00	0.00	0.00	0.00	0.00

RANGE PPM	NUMBER OF SAMPLES FOR BHC									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	3583	2144	2249	1826	9802	0	0	0	0	0
TRACE-0.03	29	173	200	332	734	0	0	0	0	0
0.04 -0.10	27	51	21	79	178	0	0	0	0	0
0.11 -0.50	33	18	12	22	85	0	0	0	0	0
0.51 -1.00	5	0	0	0	5	0	0	0	0	0
1.01 -1.50	2	0	1	0	3	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0

PERCENT OF SAMPLES WITH OR LESS  
THAN LEVEL OF RESIDUE INDICATED

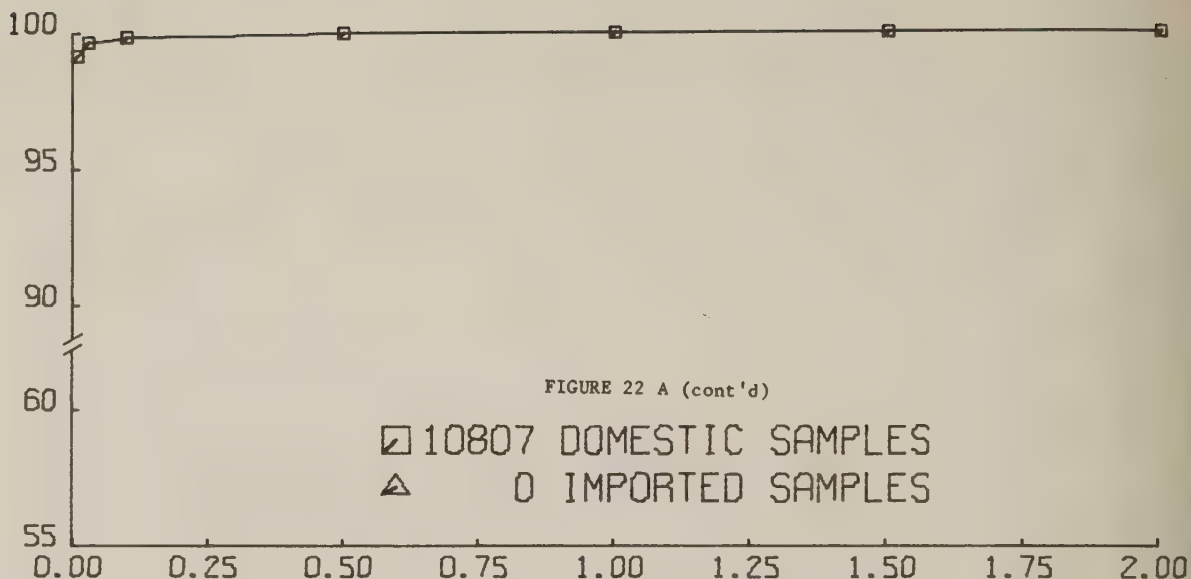


FIGURE 22 A (cont'd)

□ 10807 DOMESTIC SAMPLES  
△ 0 IMPORTED SAMPLES

LEVEL OF RESIDUE IN SAMPLES (FAT BASIS) - P P M  
HEPTACHLOR RESIDUES IN FLUID MILK  
( 1964 - 1967 )

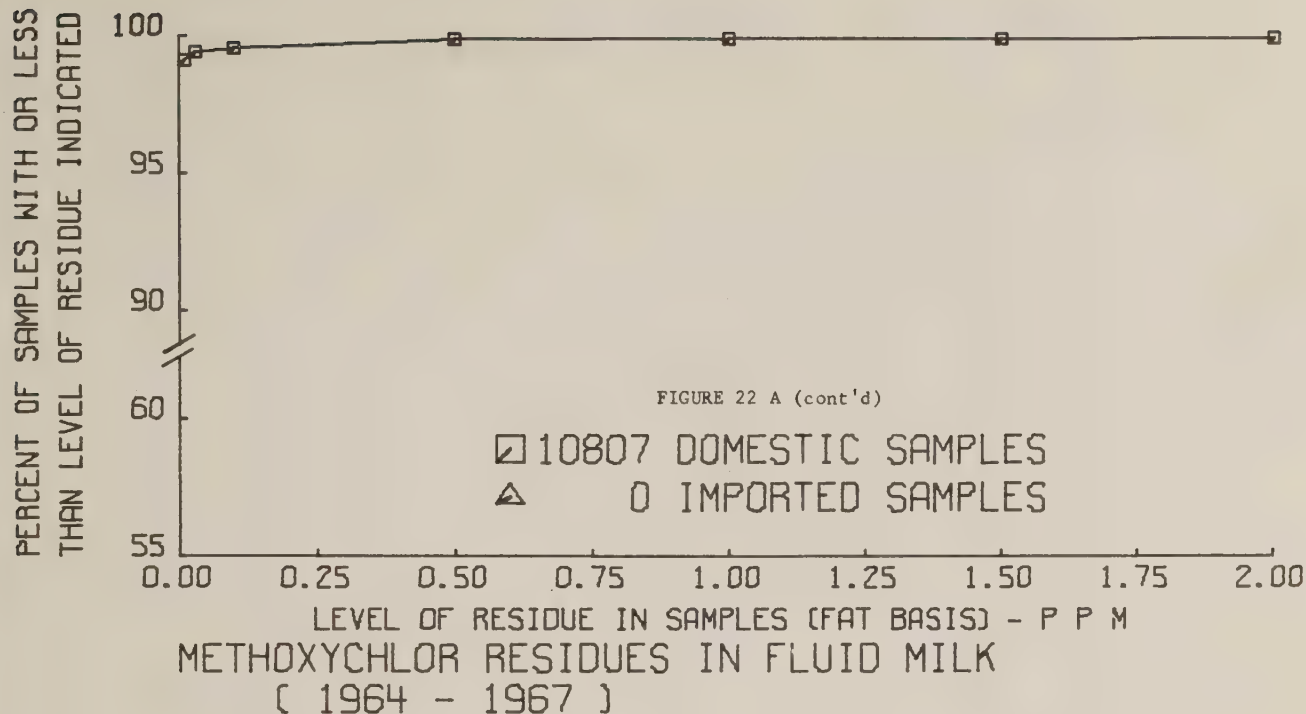
TABLE 22 A (cont'd)

FLUID MILK

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.17	99.62	99.59	99.77	99.15	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	1.08	.20	.32	.08	.50	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.38	.04	.08	.13	.18	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.35	.08	0.00	0.00	.13	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.17	99.62	99.59	99.77	99.15	0.00	0.00	0.00	0.00	0.00
0.03	99.26	99.83	99.91	99.86	99.66	0.00	0.00	0.00	0.00	0.00
0.10	99.64	99.87	99.99	99.99	99.85	0.00	0.00	0.00	0.00	0.00
0.50	99.99	99.95	99.99	99.99	99.99	0.00	0.00	0.00	0.00	0.00
1.00	99.99	99.99	99.99	99.99	99.99	0.00	0.00	0.00	0.00	0.00
1.50	99.99	99.99	99.99	99.99	99.99	0.00	0.00	0.00	0.00	0.00
2.00	99.99	99.99	99.99	99.99	99.99	0.00	0.00	0.00	0.00	0.00

RANGE PPM	NUMBER OF SAMPLES FOR HEPTACHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	3612	2377	2473	2254	10716	0	0	0	0	0
TRACE-0.03	40	5	8	2	55	0	0	0	0	0
0.04 -0.10	14	1	2	3	20	0	0	0	0	0
0.11 -0.50	13	2	0	0	15	0	0	0	0	0
0.51 -1.00	0	1	0	0	1	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0



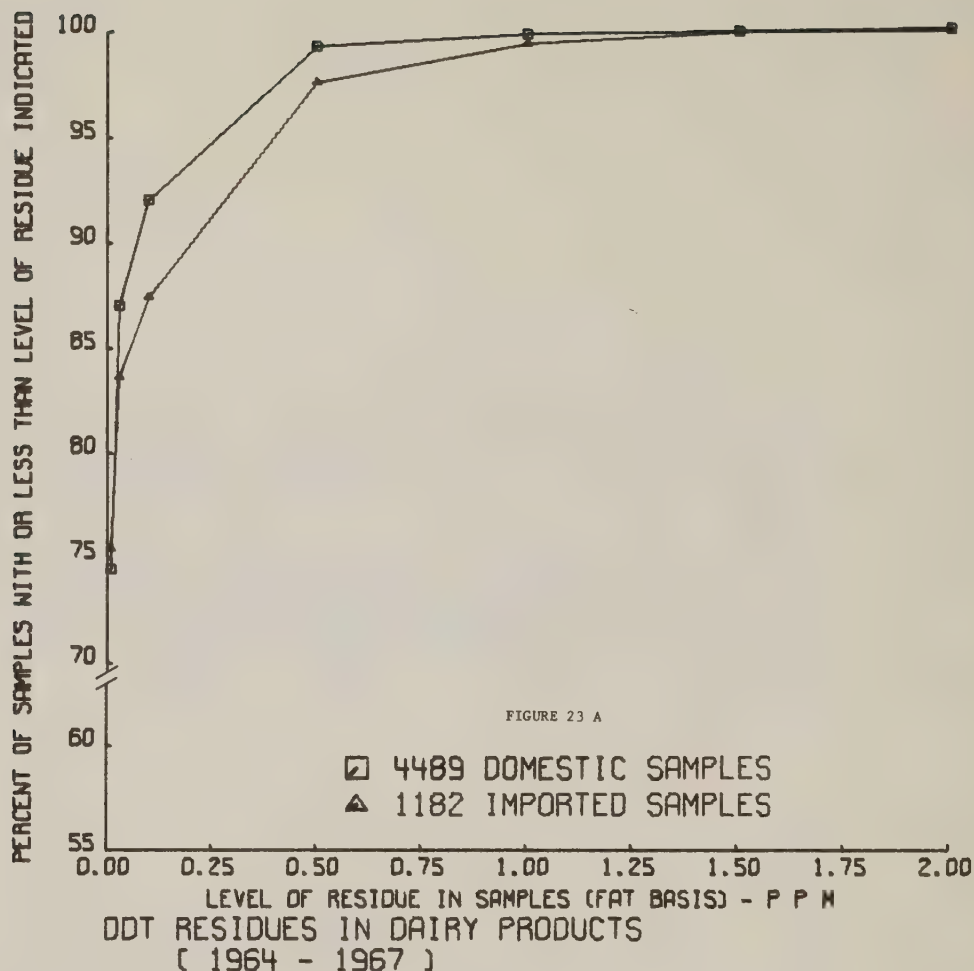
FLUID MILK

TABLE 22 A (cont'd)

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.32	98.91	98.75	99.29	99.09	0.00	0.00	0.00	0.00	0.00
TRACE-0.03	0.00	.29	.48	.66	.31	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.13	.25	.08	0.00	.12	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.46	.50	.32	0.00	.34	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	.05	0.00	.20	0.00	.06	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	.02	.04	.04	0.00	.02	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	.08	0.00	.01	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	.04	.04	.01	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR METHOXYCHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.32	98.91	98.75	99.29	99.09	0.00	0.00	0.00	0.00	0.00
0.03	99.32	99.20	99.23	99.95	99.40	0.00	0.00	0.00	0.00	0.00
0.10	99.45	99.45	99.31	99.95	99.52	0.00	0.00	0.00	0.00	0.00
0.50	99.91	99.95	99.63	99.95	99.87	0.00	0.00	0.00	0.00	0.00
1.00	99.97	99.95	99.83	99.95	99.93	0.00	0.00	0.00	0.00	0.00
1.50	99.99	99.99	99.87	99.95	99.96	0.00	0.00	0.00	0.00	0.00
2.00	99.99	99.99	99.95	99.95	99.98	0.00	0.00	0.00	0.00	0.00

NUMBER OF SAMPLES FOR METHOXYCHLOR										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	3654	2360	2452	2243	10709	0	0	0	0	0
TRACE-0.03	0	7	12	15	34	0	0	0	0	0
0.04 -0.10	5	6	2	0	13	0	0	0	0	0
0.11 -0.50	17	12	8	0	37	0	0	0	0	0
0.51 -1.00	2	0	5	0	7	0	0	0	0	0
1.01 -1.50	1	1	1	0	3	0	0	0	0	0
1.51 -2.00	0	0	2	0	2	0	0	0	0	0
ABOVE 2.00	0	0	1	1	2	0	0	0	0	0
TOTAL	3679	2386	2483	2259	10807	0	0	0	0	0



DAIRY PRODUCTS

TABLE 23 A

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	78.63	69.33	71.52	73.51	74.42	85.44	75.00	65.20	75.20	75.38
TRACE-0.03	8.15	16.40	16.36	14.92	12.58	4.10	5.81	12.40	9.14	8.20
0.04 -0.10	5.95	4.56	4.41	3.81	4.98	4.85	6.97	5.20	1.42	3.80
0.11 -0.50	6.73	8.66	7.36	6.62	7.26	3.35	8.72	16.00	11.38	10.15
0.51 -1.00	.41	.83	.32	.56	.53	.74	1.74	1.20	2.64	1.77
1.01 -1.50	.05	.18	0.00	.22	.11	1.49	.58	0.00	.20	.50
1.51 -2.00	0.00	0.00	0.00	.33	.06	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	.05	0.00	0.00	0.00	.02	0.00	1.16	0.00	0.00	.16
AVERAGE PPM	.03	.04	.03	.04	.04	.04	.32	.06	.06	.09

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	78.63	69.33	71.52	73.51	74.42	85.44	75.00	65.20	75.20	75.38
0.03	86.78	85.74	87.88	88.43	87.01	89.55	80.81	77.60	84.34	83.58
0.10	92.73	90.30	92.30	92.25	92.00	94.40	87.79	82.80	85.77	87.39
0.50	99.47	98.97	99.67	98.87	99.26	97.76	96.51	98.80	97.15	97.54
1.00	99.89	99.81	99.99	99.43	99.79	98.50	98.25	100.00	99.79	99.32
1.50	99.94	99.99	99.99	99.66	99.91	99.99	98.83	100.00	99.99	99.83
2.00	99.94	99.99	99.99	99.99	99.97	99.99	98.83	100.00	99.99	99.83

RANGE PPM	NUMBER OF SAMPLES FOR DDT									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1505	744	437	655	3341	229	129	163	370	891
TRACE-0.03	156	176	100	133	565	11	10	31	45	97
0.04 -0.10	114	49	27	34	224	13	12	13	7	45
0.11 -0.50	129	93	45	59	326	9	15	40	56	120
0.51 -1.00	8	9	2	5	24	2	3	3	13	21
1.01 -1.50	1	2	0	2	5	4	1	0	1	6
1.51 -2.00	0	0	0	3	3	0	0	0	0	0
ABOVE 2.00	1	0	0	0	1	0	2	0	0	2
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182



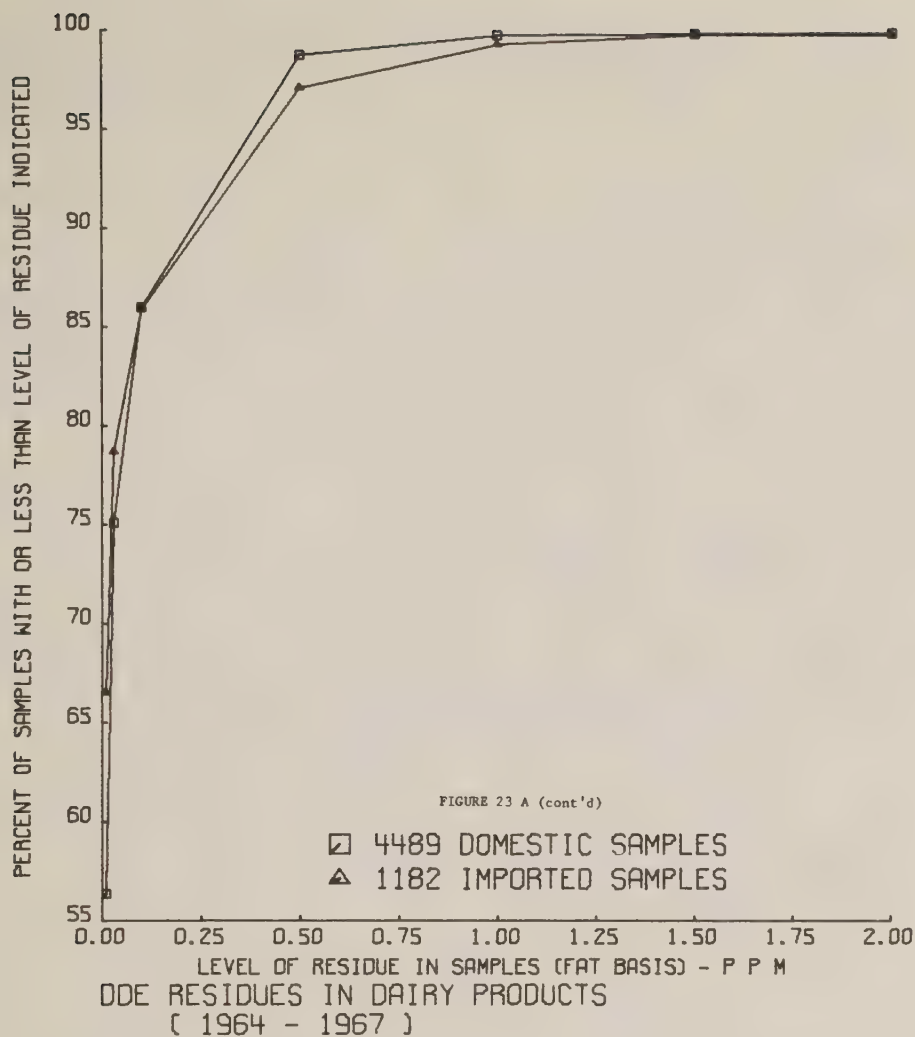


TABLE 23 A (cont'd)

DAIRY PRODUCTS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	66.14	47.71	51.88	48.82	56.35	77.23	66.86	55.60	66.05	66.49
TRACE-0.03	14.52	21.34	21.76	22.44	18.71	12.31	14.53	15.20	9.75	12.18
0.04-0.10	9.71	13.88	13.25	8.41	10.93	5.22	9.88	11.20	5.28	7.19
0.11-0.50	8.88	15.65	11.78	18.29	12.76	5.22	6.39	14.40	14.63	11.25
0.51-1.00	.67	1.21	.98	1.79	1.06	0.00	1.16	3.20	3.45	2.28
1.01-1.50	0.00	.18	.16	.11	.08	0.00	.58	.40	.81	.50
1.51-2.00	.05	0.00	.16	.11	.06	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	.58	0.00	0.00	.08
AVERAGE PPM	.04	.07	.06	.08	.06	.02	.06	.08	.09	.07

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	66.14	47.71	51.88	48.82	56.35	77.23	66.86	55.60	66.05	66.49
0.03	80.66	69.05	73.64	71.26	75.07	89.55	81.39	70.80	75.81	78.68
0.10	90.38	82.94	86.90	79.68	86.01	94.77	91.27	82.00	81.09	85.87
0.50	99.26	98.60	98.69	97.97	98.77	99.99	97.67	96.40	95.73	97.12
1.00	99.94	99.81	99.67	99.77	99.84	99.99	98.83	99.60	99.18	99.40
1.50	99.94	99.99	99.83	99.88	99.93	99.99	99.41	100.00	99.99	99.91
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.41	100.00	99.99	99.91

RANGE PPM	NUMBER OF SAMPLES FOR DDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1266	512	317	435	2530	207	115	139	325	786
TRACE-0.03	278	229	133	200	840	33	25	38	48	144
0.04-0.10	186	149	81	75	491	14	17	28	26	85
0.11-0.50	170	168	72	163	573	14	11	36	72	133
0.51-1.00	13	13	6	16	48	0	2	8	17	27
1.01-1.50	0	2	1	1	4	0	1	1	4	6
1.51-2.00	1	0	1	1	3	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	1	0	0	1
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182

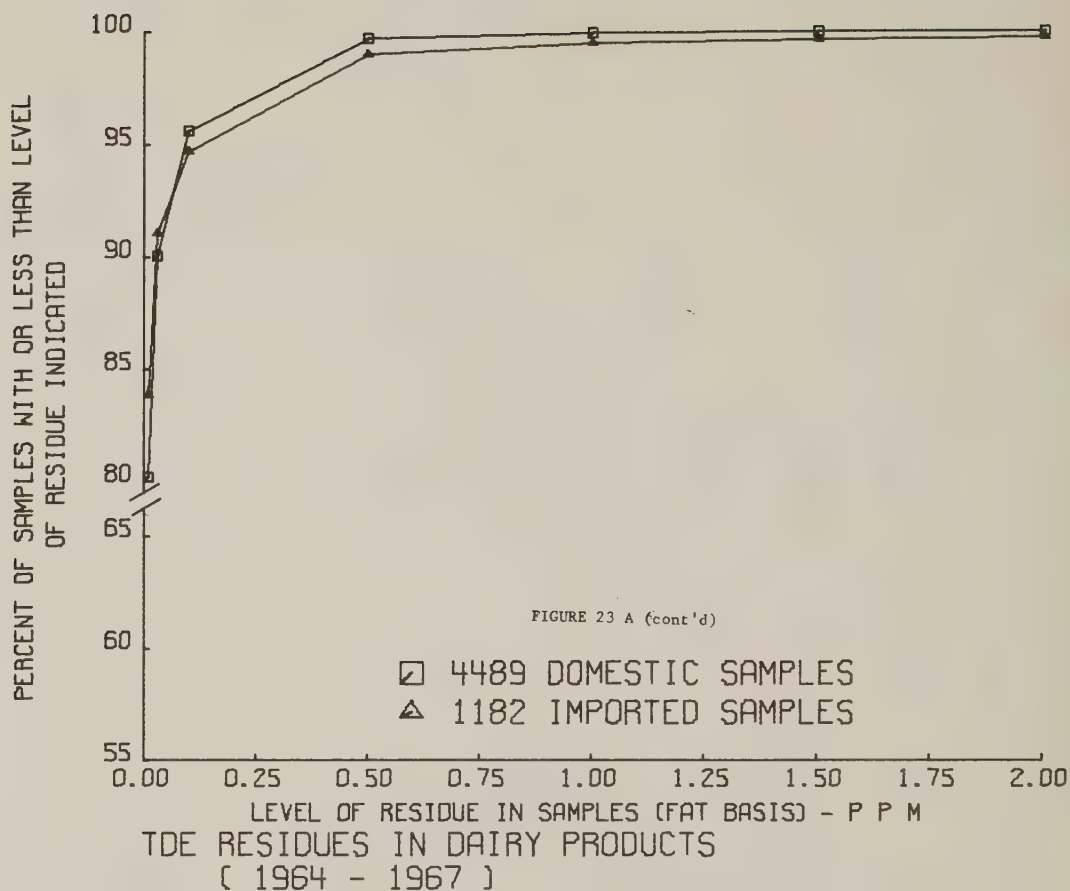


TABLE 23 A (cont'd)

DAIRY PRODUCTS

RANGE PPM	DOMESTIC					IMPORTED				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	80.98	75.95	80.36	83.50	80.19	90.67	80.23	81.20	82.72	83.84
TRACE-0.03	9.56	10.62	8.51	10.32	9.82	4.10	9.88	9.20	6.91	7.19
0.04 -0.10	5.59	7.45	6.21	2.80	5.56	.74	4.06	5.20	4.26	3.63
0.11 -0.50	3.55	5.49	4.58	3.36	4.12	3.73	2.32	3.60	5.69	4.31
0.51 -1.00	.26	.37	.32	0.00	.24	.37	.58	.80	.40	.50
1.01 -1.50	.05	.09	0.00	0.00	.04	.37	.58	0.00	0.00	.16
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	.58	0.00	0.00	.08
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0.00	.25
AVERAGE PPM	.02	.03	.02	.01	.02	.02	.25	.02	.02	.06

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	80.98	75.95	80.36	83.50	80.19	90.67	80.23	81.20	82.72	83.84
0.03	90.54	86.57	88.87	93.82	90.02	94.77	90.11	90.40	89.63	91.03
0.10	96.13	94.03	95.09	96.63	95.58	95.52	94.18	95.60	93.90	94.67
0.50	99.68	99.53	99.67	99.99	99.71	99.25	96.51	99.20	99.59	98.98
1.00	99.94	99.90	99.99	99.99	99.95	99.62	97.09	100.00	99.99	99.49
1.50	99.99	99.99	99.99	99.99	99.99	99.99	97.67	100.00	99.99	99.66
2.00	99.99	99.99	99.99	99.99	99.99	99.99	98.25	100.00	99.99	99.74

RANGE PPM	NUMBER OF SAMPLES FOR TDE									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1550	815	491	744	3600	243	138	203	407	991
TRACE-0.03	183	114	52	92	441	11	17	23	34	85
0.04 -0.10	107	80	38	25	250	2	7	13	21	43
0.11 -0.50	68	59	28	30	185	10	4	9	28	51
0.51 -1.00	5	4	2	0	11	1	1	2	2	6
1.01 -1.50	1	1	0	0	2	1	1	0	0	2
1.51 -2.00	0	0	0	0	0	0	1	0	0	1
ABOVE 2.00	0	0	0	0	0	0	3	0	0	3
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182

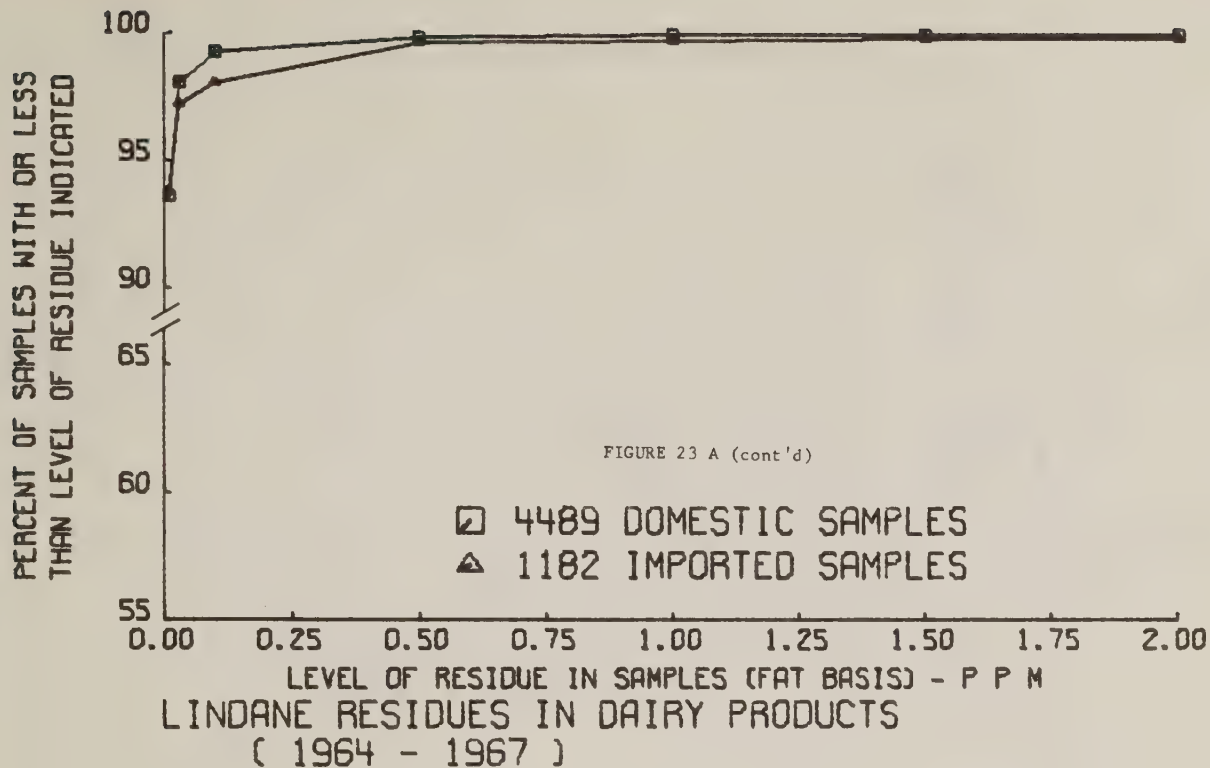


TABLE 23 A (cont'd)

DAIRY PRODUCTS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	91.79	92.07	97.54	96.52	93.58	93.65	95.93	93.20	93.29	93.73
TRACE-0.03	5.38	6.71	.98	2.24	4.47	3.35	1.16	6.40	2.84	3.46
0.04 -0.10	1.88	.83	.49	.56	1.18	1.11	1.74	0.00	.81	.84
0.11 -0.50	.83	.37	.49	.56	.62	1.49	1.16	.40	2.43	1.60
0.51 -1.00	.10	0.00	.32	.11	.11	0.00	0.00	0.00	.20	.08
1.01 -1.50	0.00	0.00	.16	0.00	.02	0.00	0.00	0.00	.20	.08
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	.37	0.00	0.00	.20	.16
AVERAGE PPM	.01	0.00	.01	0.00	0.00	.01	0.00	0.00	.02	.01

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR LINDANE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	91.79	92.07	97.54	96.52	93.58	93.65	95.93	93.20	93.29	93.73
0.03	97.17	98.78	98.52	98.76	98.06	97.01	97.09	99.60	96.13	97.20
0.10	99.05	99.62	99.01	99.32	99.24	98.13	98.83	99.60	96.95	98.05
0.50	99.89	99.99	99.50	99.88	99.86	99.62	99.99	100.00	99.39	99.66
1.00	99.99	99.99	99.83	99.99	99.97	99.62	99.99	100.00	99.59	99.74
1.50	99.99	99.99	99.99	99.99	99.99	99.62	99.99	100.00	99.79	99.83
2.00	99.99	99.99	99.99	99.99	99.99	99.62	99.99	100.00	99.79	99.83

	NUMBER OF SAMPLES FOR LINDANE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1757	988	596	860	4201	251	165	233	459	1108
TRACE-0.03	103	72	6	20	201	9	2	16	14	41
0.04 -0.10	36	9	3	5	53	3	3	0	4	10
0.11 -0.50	16	4	3	5	28	4	2	1	12	19
0.51 -1.00	2	0	2	1	5	0	0	0	1	1
1.01 -1.50	0	0	1	0	1	0	0	0	1	1
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	1	0	0	1	2
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182

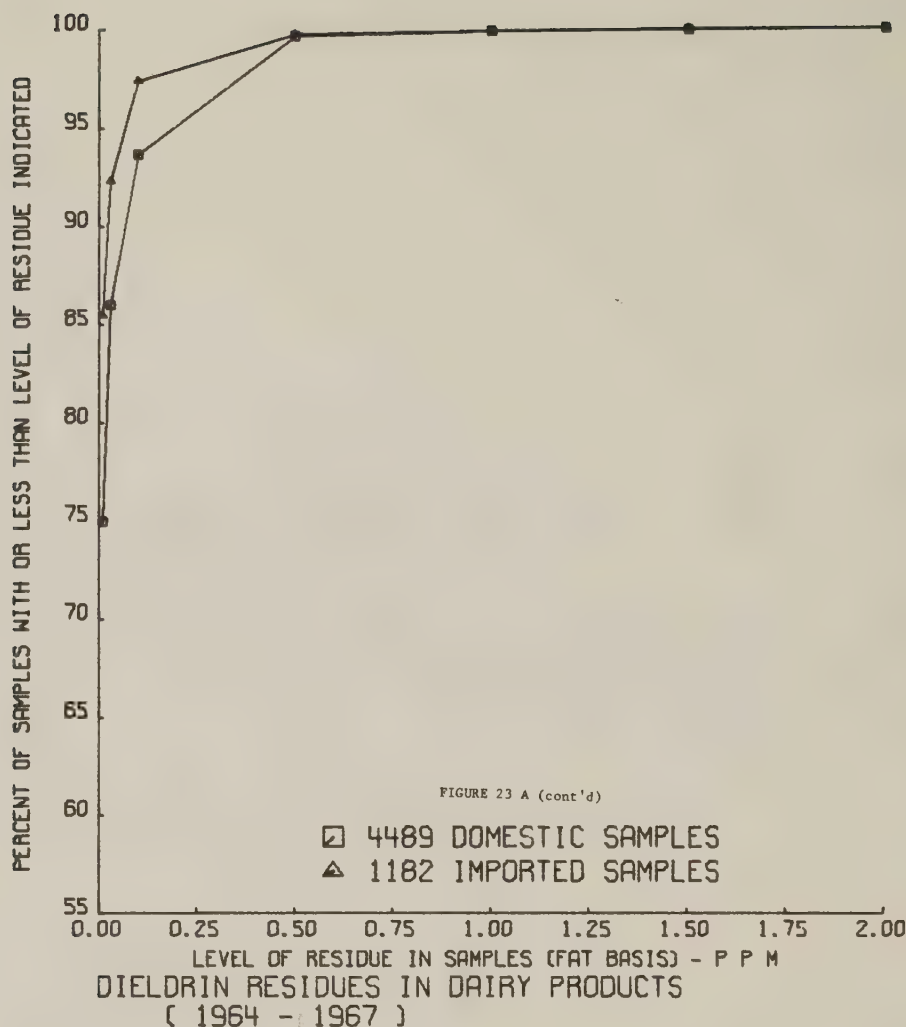


TABLE 23 A (cont'd)

DAIRY PRODUCTS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRLN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	78.57	66.63	71.68	79.46	74.96	89.17	78.48	83.20	86.99	85.44
TRACE-0.03	8.04	12.76	11.94	14.81	11.04	5.59	9.88	8.00	5.89	6.85
0.04-0.10	7.68	9.41	9.81	3.81	7.61	4.10	9.30	7.60	2.84	5.07
0.11-0.50	5.32	10.81	6.54	1.45	6.03	1.11	1.74	.80	4.06	2.36
0.51-1.00	.26	.27	0.00	.22	.22	0.00	.58	0.00	.20	.16
1.01-1.50	.10	0.00	0.00	0.00	.04	0.00	0.00	.40	0.00	.08
1.51-2.00	0.00	.09	0.00	.22	.06	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.03	.05	.03	.02	.03	.01	.02	.01	.02	.01

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	78.57	66.63	71.68	79.46	74.96	89.17	78.48	83.20	86.99	85.44
0.03	86.62	79.40	83.63	94.27	86.01	94.77	88.37	91.20	92.88	92.30
0.10	94.30	88.81	93.45	98.09	93.62	98.88	97.67	98.80	95.73	97.37
0.50	99.63	99.62	99.99	99.55	99.66	99.99	99.41	99.60	99.79	99.74
1.00	99.89	99.90	99.99	99.77	99.88	99.99	99.99	99.60	99.99	99.91
1.50	99.99	99.90	99.99	99.77	99.93	99.99	99.99	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1504	715	438	708	3365	239	135	208	428	1010
TRACE-0.03	154	137	73	132	496	15	17	20	29	81
0.04-0.10	147	101	60	34	342	11	16	19	14	60
0.11-0.50	102	116	40	13	271	3	3	2	20	28
0.51-1.00	5	3	0	2	10	0	1	0	1	2
1.01-1.50	2	0	0	0	2	0	0	1	0	1
1.51-2.00	0	1	0	2	3	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182

PERCENT OF SAMPLES WITH OR  
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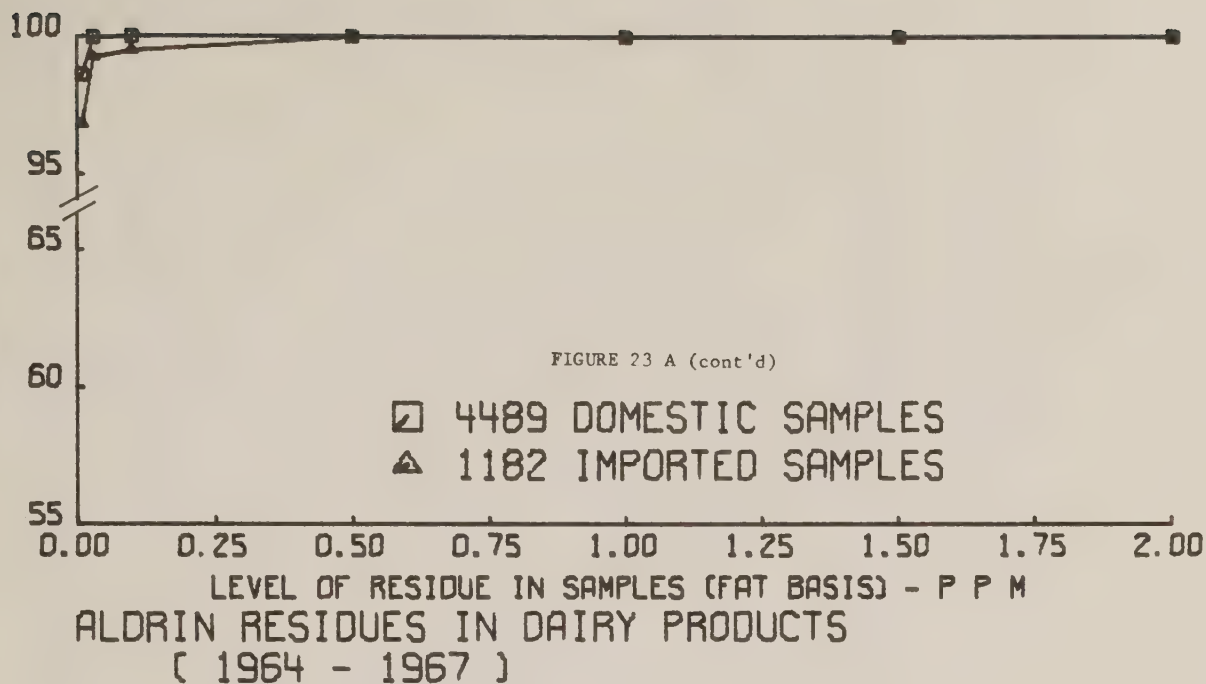


TABLE 23 A (cont'd)

DAIRY PRODUCTS

		DOMESTIC					IMPORTED				
		PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
RANGE	PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND		99.79	99.90	98.03	94.83	98.59	100.00	100.00	87.20	98.78	96.78
TRACE-0.03		.20	.09	1.80	4.93	1.33	0.00	0.00	10.40	.60	2.45
0.04	-0.10	0.00	0.00	0.00	.22	.04	0.00	0.00	.40	.40	.25
0.11	-0.50	0.00	0.00	.16	0.00	.02	0.00	0.00	2.00	.20	.50
0.51	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01	-1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51	-2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.79	99.90	98.03	94.83	98.59	100.00	100.00	87.20	98.78	96.78
0.03	99.99	99.99	99.83	99.77	99.93	100.00	100.00	97.60	99.39	99.23
0.10	99.99	99.99	99.83	99.99	99.97	100.00	100.00	98.00	99.79	99.49
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR ALDRIN									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1910	1072	599	845	4426	268	172	218	486	1144
TRACE-0.03	4	1	11	44	60	0	0	26	3	29
0.04 -0.10	0	0	0	2	2	0	0	1	2	3
0.11 -0.50	0	0	1	0	1	0	0	5	1	6
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182



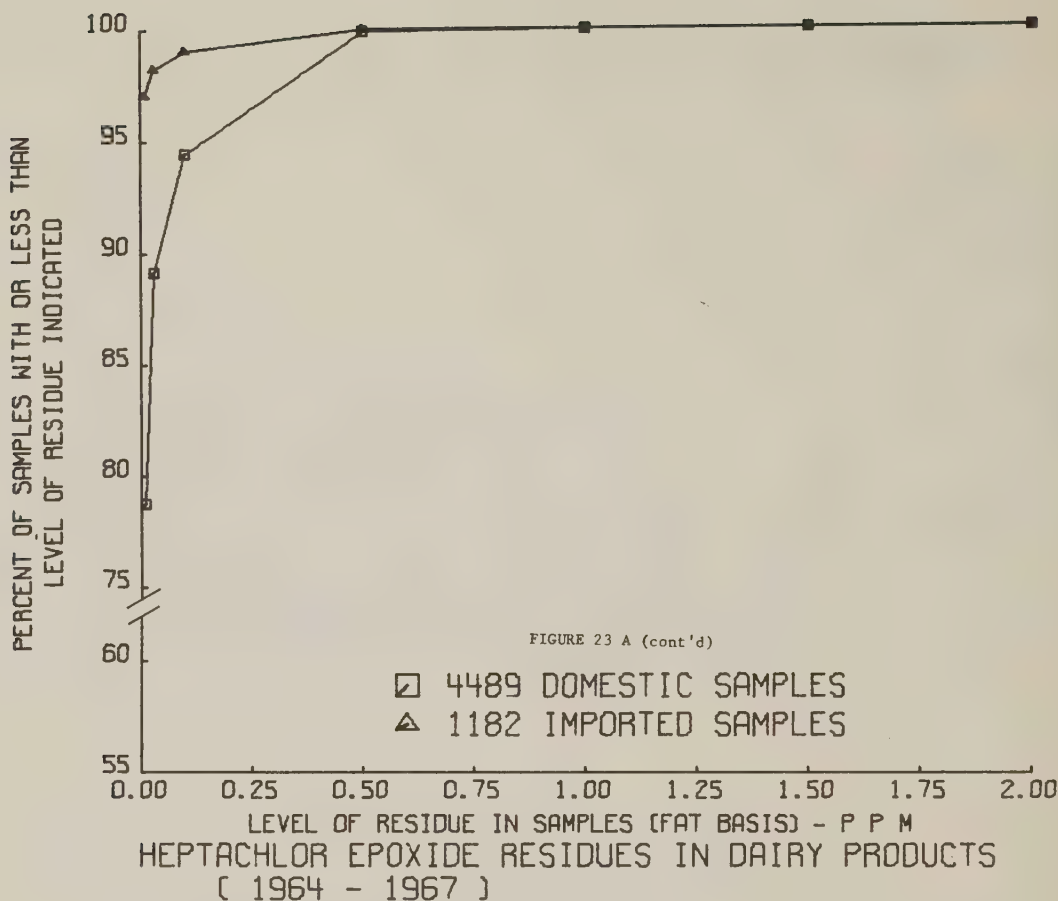


TABLE 23 A (cont'd)

DAIRY PRODUCTS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	79.04	68.96	83.63	86.53	78.74	97.38	93.02	98.80	97.35	97.03
TRACE-0.03	7.94	16.68	4.90	11.89	10.40	1.49	2.32	.40	1.01	1.18
0.04 -0.10	5.85	6.98	6.38	1.23	5.27	.74	1.16	.40	1.01	.84
0.11 -0.50	7.00	7.26	5.07	.33	5.48	.37	3.48	.40	.60	.93
0.51 -1.00	.15	.09	0.00	0.00	.08	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	.03	.03	.02	0.00	.02	0.00	.01	0.00	0.00	0.00

	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR EPOXIDE									
LIMIT OF RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	79.04	68.96	83.63	86.53	78.74	97.38	93.02	98.80	97.35	97.03
0.03	86.99	85.64	88.54	98.42	89.15	98.88	95.34	99.20	98.37	98.22
0.10	92.84	92.63	94.92	99.66	94.43	99.62	96.51	99.60	99.39	99.06
0.50	99.84	99.90	99.99	99.99	99.91	99.99	99.99	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	100.00	99.99	99.99

	NUMBER OF SAMPLES FOR HEPTACHLOR EPOXIDE									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1513	740	511	771	3535	261	160	247	479	1147
TRACE-0.03	152	179	30	106	467	4	4	1	5	14
0.04 -0.10	112	75	39	11	237	2	2	1	5	10
0.11 -0.50	134	78	31	3	246	1	6	1	3	11
0.51 -1.00	3	1	0	0	4	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182

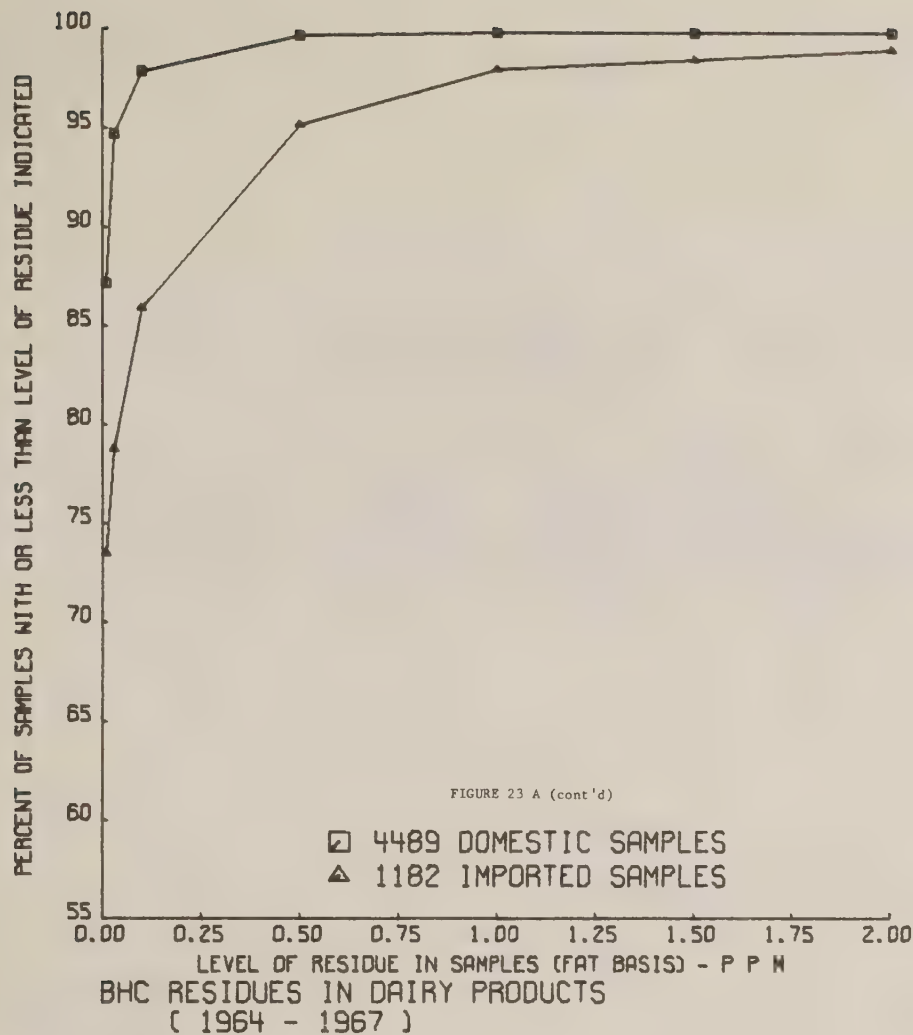


TABLE 23 A (cont'd)

DAIRY PRODUCTS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR BHC					BHC				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	95.35	84.62	84.77	74.18	87.14	89.17	77.32	85.20	57.52	73.43
TRACE-0.03	2.08	9.31	10.96	14.70	7.52	2.61	5.23	4.40	7.31	5.32
0.04 -0.10	.94	4.47	1.63	7.40	3.16	1.11	8.72	3.60	11.58	7.10
0.11 -0.50	1.56	1.11	2.61	2.91	1.87	6.34	7.55	5.60	13.41	9.30
0.51 -1.00	.05	.46	0.00	.33	.20	.74	1.16	1.20	5.48	2.87
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	.50
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	.50
ABOVE 2.00	0.00	0.00	0.00	.44	.08	0.00	0.00	0.00	2.23	.93
AVERAGE PPM	.01	.01	.01	.04	.02	.03	.04	.03	.29	.14

LIMIT OF RANGE PPM	DOMESTIC					IMPORTED				
	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BHC					BHC				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	95.35	84.62	84.77	74.18	87.14	89.17	77.32	85.20	57.52	73.43
0.03	97.43	93.94	95.74	88.88	94.67	91.79	82.55	89.60	64.83	78.76
0.10	98.38	98.41	97.38	96.29	97.83	92.91	91.27	93.20	76.42	85.87
0.50	99.94	99.53	99.99	99.21	99.71	99.25	98.83	98.80	89.83	95.17
1.00	99.99	99.99	99.99	99.55	99.91	99.99	99.99	100.00	95.32	98.05
1.50	99.99	99.99	99.99	99.55	99.91	99.99	99.99	100.00	96.54	98.56
2.00	99.99	99.99	99.99	99.55	99.91	99.99	99.99	100.00	97.76	99.06

RANGE PPM	DOMESTIC					IMPORTED				
	NUMBER OF SAMPLES FOR BHC					BHC				
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1825	908	518	661	3912	239	133	213	283	868
TRACE-0.03	40	100	67	131	338	7	9	11	36	63
0.04 -0.10	18	48	10	66	142	3	15	9	57	84
0.11 -0.50	30	12	16	26	84	17	13	14	66	110
0.51 -1.00	1	5	0	3	9	2	2	3	27	34
1.01 -1.50	0	0	0	0	0	0	0	0	6	6
1.51 -2.00	0	0	0	0	0	0	0	0	6	6
ABOVE 2.00	0	0	0	4	4	0	0	0	11	11
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182

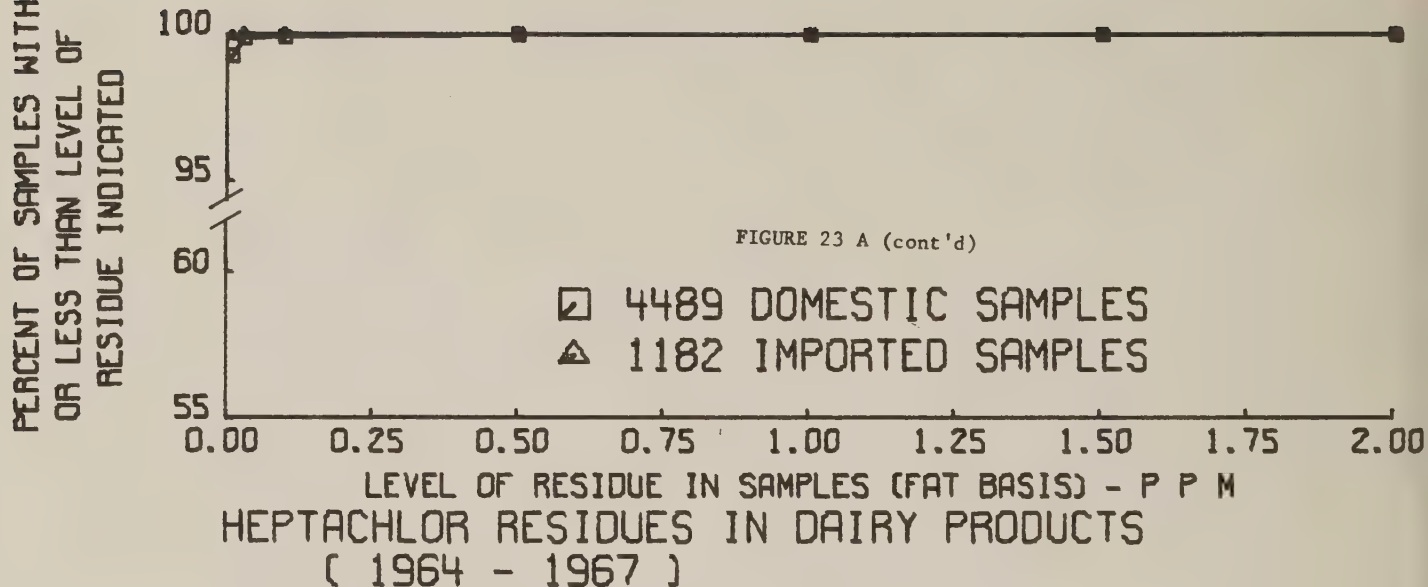


TABLE 23 A (cont'd)

DAIRY PRODUCTS

	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR									
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.74	99.72	99.67	99.43	99.24	100.00	100.00	100.00	99.79	99.91
TRACE-0.03	1.04	.27	0.00	.33	.57	0.00	0.00	0.00	.20	.08
0.04 -0.10	.10	0.00	.32	0.00	.08	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.10	0.00	0.00	.22	.08	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR HEPTACHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	98.74	99.72	99.67	99.43	99.24	100.00	100.00	100.00	99.79	99.91
0.03	99.79	99.99	99.67	99.77	99.82	100.00	100.00	100.00	99.99	99.99
0.10	99.89	99.99	99.99	99.77	99.91	100.00	100.00	100.00	99.99	99.99
0.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	99.99	99.99

NUMBER OF SAMPLES FOR HEPTACHLOR										
RANGE PPM	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1890	1070	609	886	4455	268	172	250	491	1181
TRACE-0.03	20	3	0	3	26	0	0	0	1	1
0.04 -0.10	2	0	2	0	4	0	0	0	0	0
0.11 -0.50	2	0	0	2	4	0	0	0	0	0
0.51 -1.00	0	0	0	0	0	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182

PERCENT OF SAMPLES WITH  
OR LESS THAN LEVEL OF  
RESIDUE INDICATED

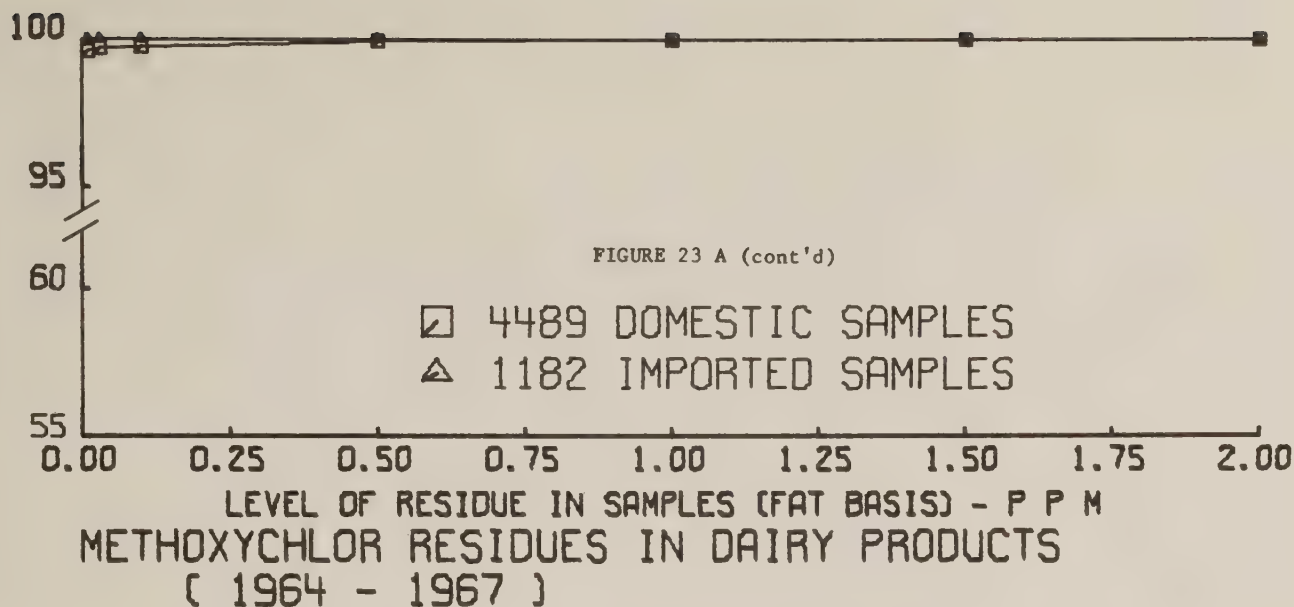


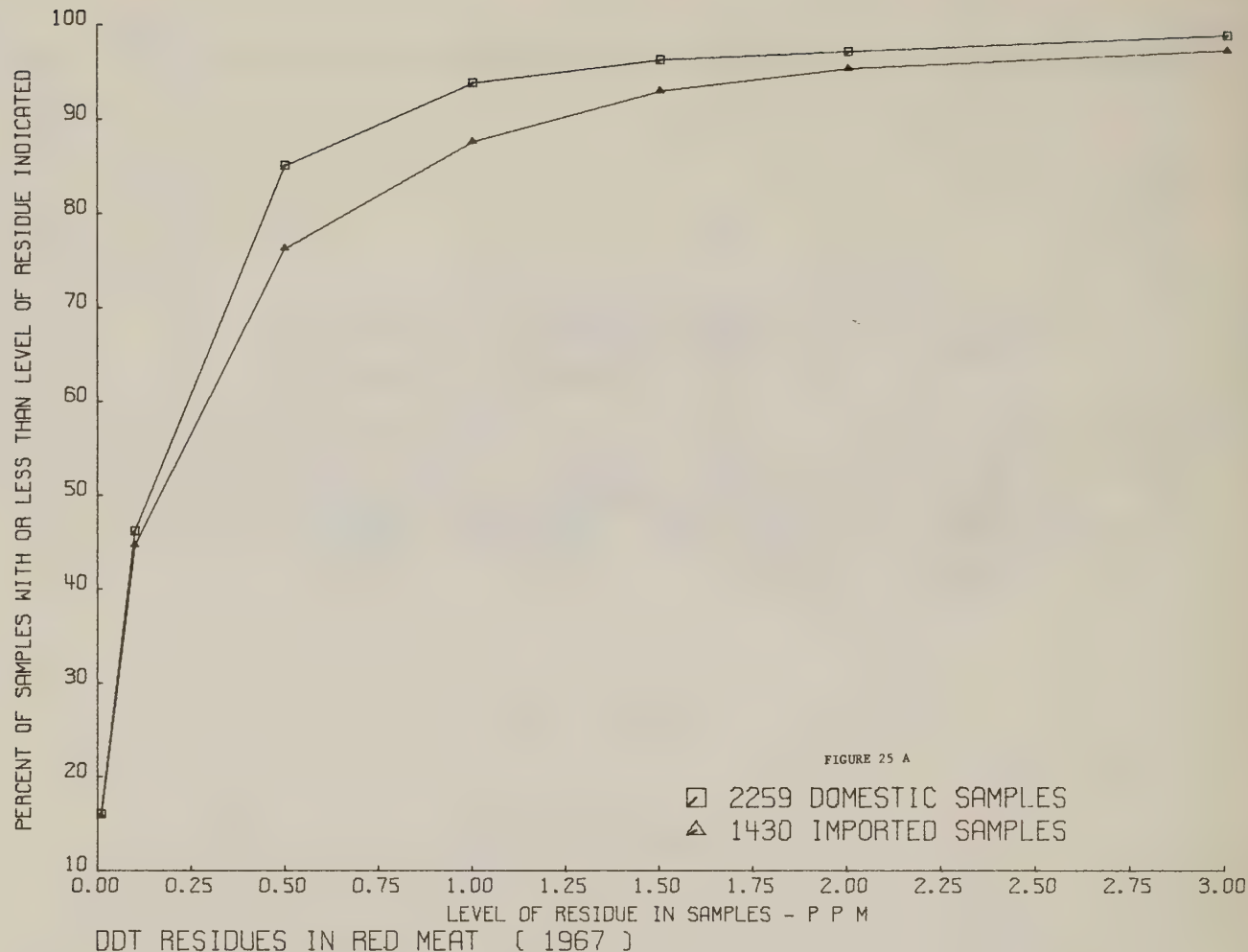
TABLE 23 A (cont'd)

DAIRY PRODUCTS

RANGE PPM	DOMESTIC					IMPORTED				
	PERCENT DISTRIBUTION OF SAMPLES FOR METHOXYCHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.84	99.72	99.18	99.21	99.59	100.00	100.00	100.00	100.00	100.00
TRACE-0.03	.05	.27	0.00	0.00	.08	0.00	0.00	0.00	0.00	0.00
0.04 -0.10	.05	0.00	.32	0.00	.06	0.00	0.00	0.00	0.00	0.00
0.11 -0.50	.05	0.00	.49	.56	.20	0.00	0.00	0.00	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	.22	.04	0.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABOVE 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR METHOXYCHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	99.84	99.72	99.18	99.21	99.59	100.00	100.00	100.00	100.00	100.00
0.03	99.89	99.99	99.18	99.21	99.68	100.00	100.00	100.00	100.00	100.00
0.10	99.94	99.99	99.50	99.21	99.75	100.00	100.00	100.00	100.00	100.00
0.50	99.99	99.99	99.99	99.77	99.95	100.00	100.00	100.00	100.00	100.00
1.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
1.50	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00
2.00	99.99	99.99	99.99	99.99	99.99	100.00	100.00	100.00	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR METHOXYCHLOR									
	1964	1965	1966	1967	TOTAL	1964	1965	1966	1967	TOTAL
NONE FOUND	1911	1070	606	884	4471	268	172	250	492	1182
TRACE-0.03	1	3	0	0	4	0	0	0	0	0
0.04 -0.10	1	0	2	0	3	0	0	0	0	0
0.11 -0.50	1	0	3	5	9	0	0	0	0	0
0.51 -1.00	0	0	0	2	2	0	0	0	0	0
1.01 -1.50	0	0	0	0	0	0	0	0	0	0
1.51 -2.00	0	0	0	0	0	0	0	0	0	0
ABOVE 2.00	0	0	0	0	0	0	0	0	0	0
TOTAL	1914	1073	611	891	4489	268	172	250	492	1182



RED MEAT

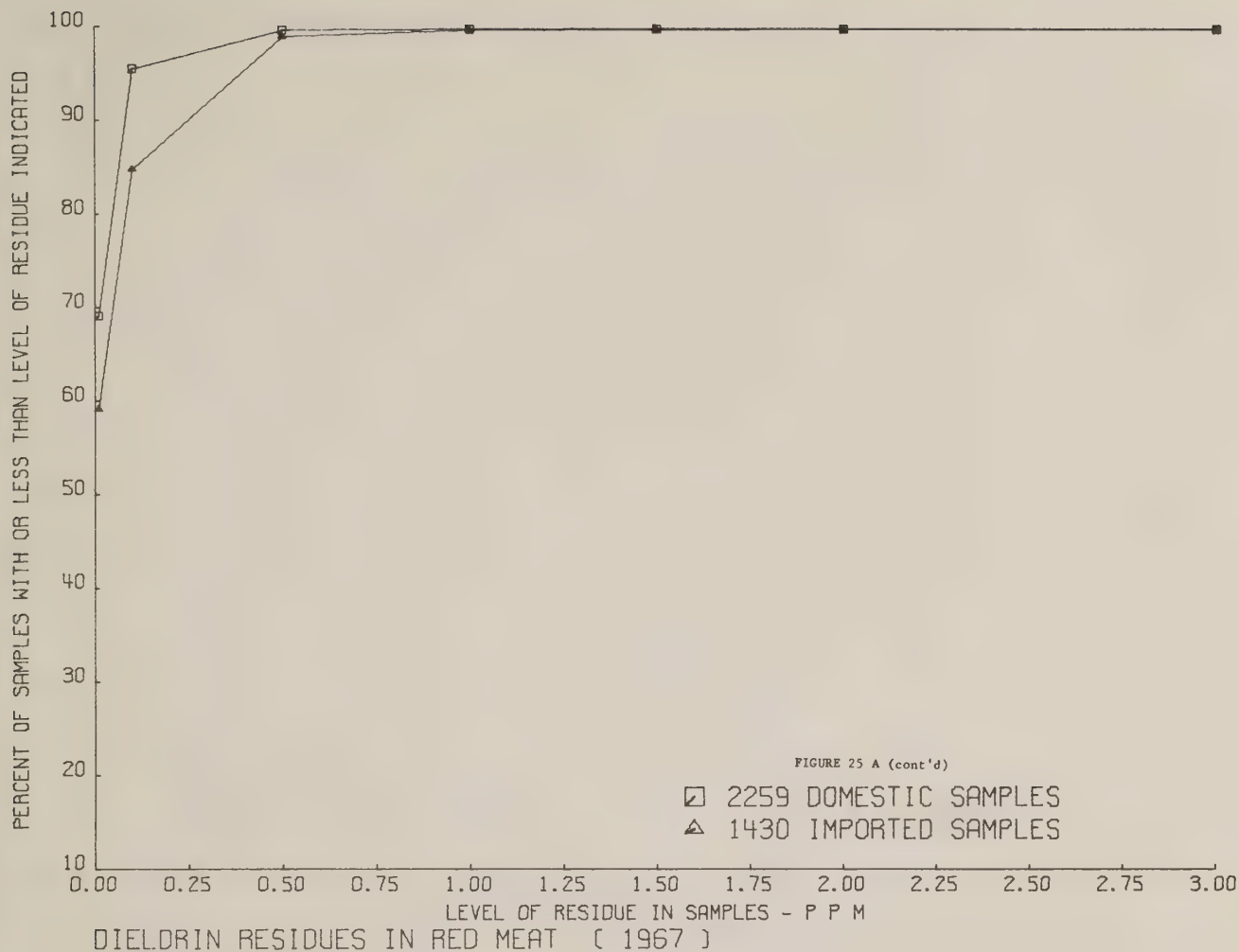
TABLE 25 A

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	16.11	16.11	15.80	15.80
TRACE-0.10	30.10	30.10	28.88	28.88
0.11 -0.50	38.91	38.91	31.60	31.60
0.51 -1.00	8.67	8.67	11.25	11.25
1.01 -1.50	2.43	2.43	5.31	5.31
1.51 -2.00	.75	.75	2.30	2.30
2.01 -3.00	1.50	1.50	1.74	1.74
ABOVE 3.00	1.50	1.50	3.07	3.07
AVERAGE PPM	.20	.20	.26	.26

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DDT			
	1967	TOTAL	1967	TOTAL
NONE FOUND	16.11	16.11	15.80	15.80
0.10	46.21	46.21	44.68	44.68
0.50	85.12	85.12	76.29	76.29
1.00	93.80	93.80	87.55	87.55
1.50	96.23	96.23	92.86	92.86
2.00	96.98	96.98	95.17	95.17
3.00	98.49	98.49	96.92	96.92

RANGE PPM	NUMBER OF SAMPLES FOR DDT			
	1967	TOTAL	1967	TOTAL
NONE FOUND	364	364	226	226
TRACE-0.10	680	680	413	413
0.11 -0.50	879	879	452	452
0.51 -1.00	196	196	161	161
1.01 -1.50	55	55	76	76
1.51 -2.00	17	17	33	33
2.01 -3.00	34	34	25	25
ABOVE 3.00	34	34	44	44
TOTAL	2259	2259	1430	1430





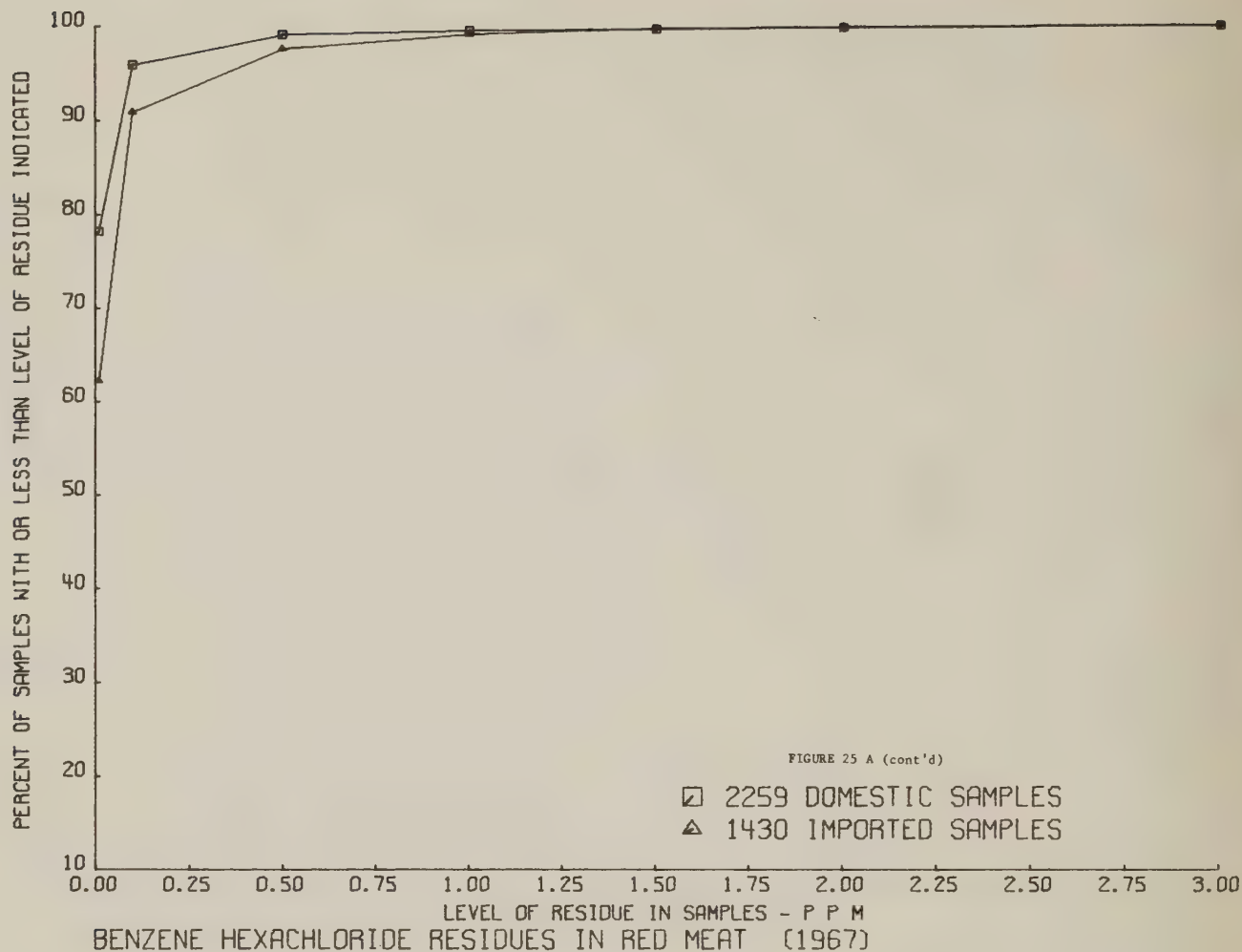
RED MEAT

TABLE 25 A (cont'd)

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	69.05	69.05	59.09	59.09
TRACE-0.10	26.38	26.38	25.73	25.73
0.11 -0.50	4.24	4.24	14.19	14.19
0.51 -1.00	.17	.17	.76	.76
1.01 -1.50	.08	.08	.13	.13
1.51 -2.00	0.00	0.00	.06	.06
2.01 -3.00	0.00	0.00	0.00	0.00
ABOVE 3.00	.04	.04	0.00	0.00
AVERAGE PPM	.01	.01	.02	.02

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR DIELDRIN			
	1967	TOTAL	1967	TOTAL
NONE FOUND	69.05	69.05	59.09	59.09
0.10	95.44	95.44	84.82	84.82
0.50	99.69	99.69	99.02	99.02
1.00	99.86	99.86	99.79	99.79
1.50	99.95	99.95	99.93	99.93
2.00	99.95	99.95	99.99	99.99
3.00	99.95	99.95	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DIELDRIN			
	1967	TOTAL	1967	TOTAL
NONE FOUND	1560	1560	845	845
TRACE-0.10	596	596	368	368
0.11 -0.50	96	96	203	203
0.51 -1.00	4	4	11	11
1.01 -1.50	2	2	2	2
1.51 -2.00	0	0	1	1
2.01 -3.00	0	0	0	0
ABOVE 3.00	1	1	0	0
TOTAL	2259	2259	1430	1430



RED MEAT

TABLE 25 A (cont'd)

DOMESTIC IMPORTED  
PERCENT DISTRIBUTION OF SAMPLES FOR BENZENE HEXACHLORIDE

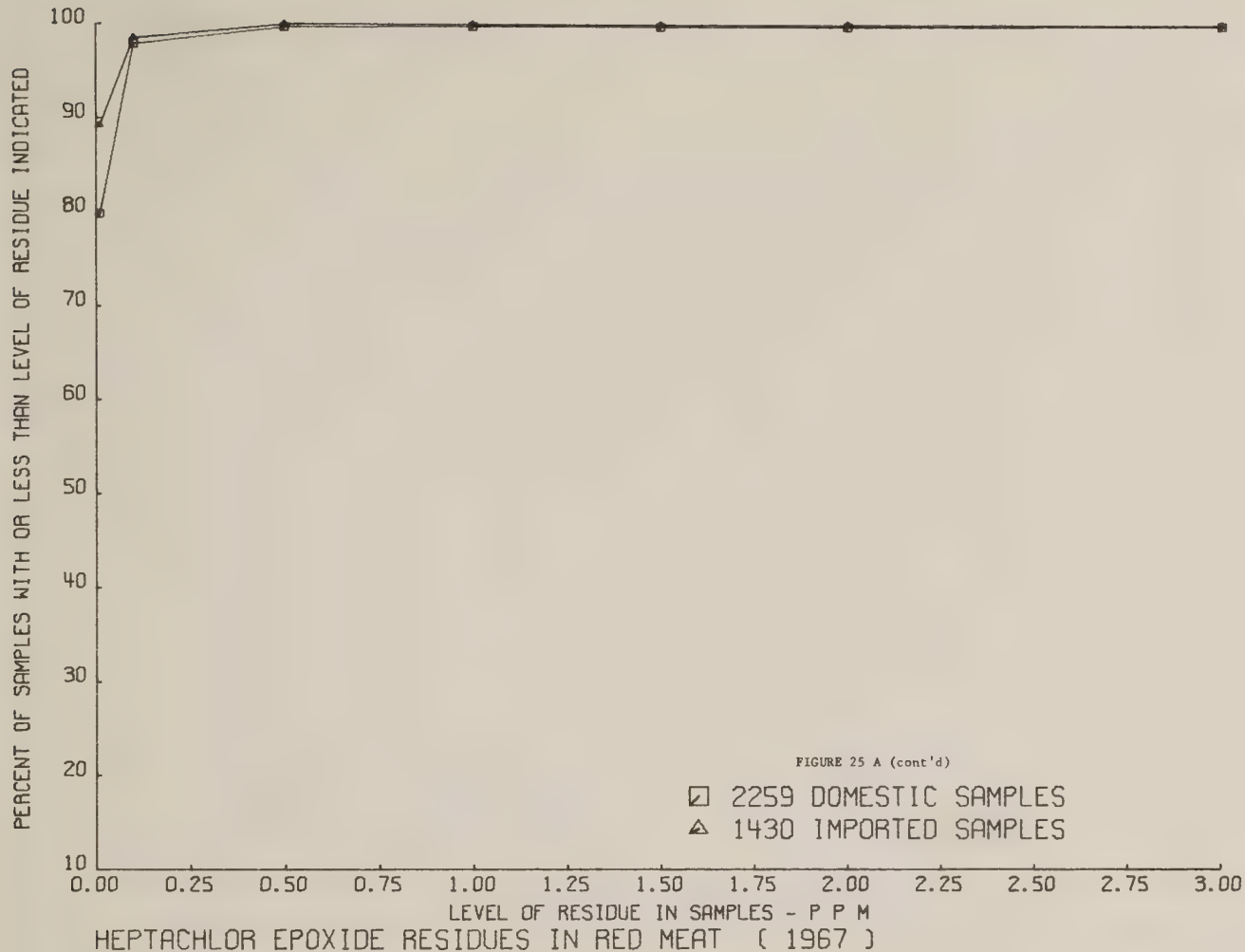
RANGE PPM	1967	TOTAL	1967	TOTAL
NONE FOUND	78.17	78.17	62.16	62.16
TRACE-0.10	17.70	17.70	28.74	28.74
0.11 -0.50	3.18	3.18	6.64	6.64
0.51 -1.00	.39	.39	1.53	1.53
1.01 -1.50	.13	.13	.55	.55
1.51 -2.00	.08	.08	.13	.13
2.01 -3.00	.13	.13	.13	.13
ABOVE 3.00	.17	.17	.06	.06
AVERAGE PPM	.02	.02	.03	.03

CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR BENZENE HEXACHLORIDE

LIMIT OF RANGE PPM	1967	TOTAL	1967	TOTAL
NONE FOUND	78.17	78.17	62.16	62.16
0.10	95.88	95.88	90.90	90.90
0.50	99.07	99.07	97.55	97.55
1.00	99.46	99.46	99.05	99.09
1.50	99.60	99.60	99.65	99.65
2.00	99.69	99.69	99.79	99.79
3.00	99.82	99.82	99.93	99.93

NUMBER OF SAMPLES FOR BENZENE HEXACHLORIDE

RANGE PPM	1967	TOTAL	1967	TOTAL
NONE FOUND	1766	1766	889	889
TRACE-0.10	400	400	411	411
0.11 -0.50	72	72	95	95
0.51 -1.00	9	9	22	22
1.01 -1.50	3	3	8	8
1.51 -2.00	2	2	2	2
2.01 -3.00	3	3	2	2
ABOVE 3.00	4	4	1	1
TOTAL	2259	2259	1430	1430



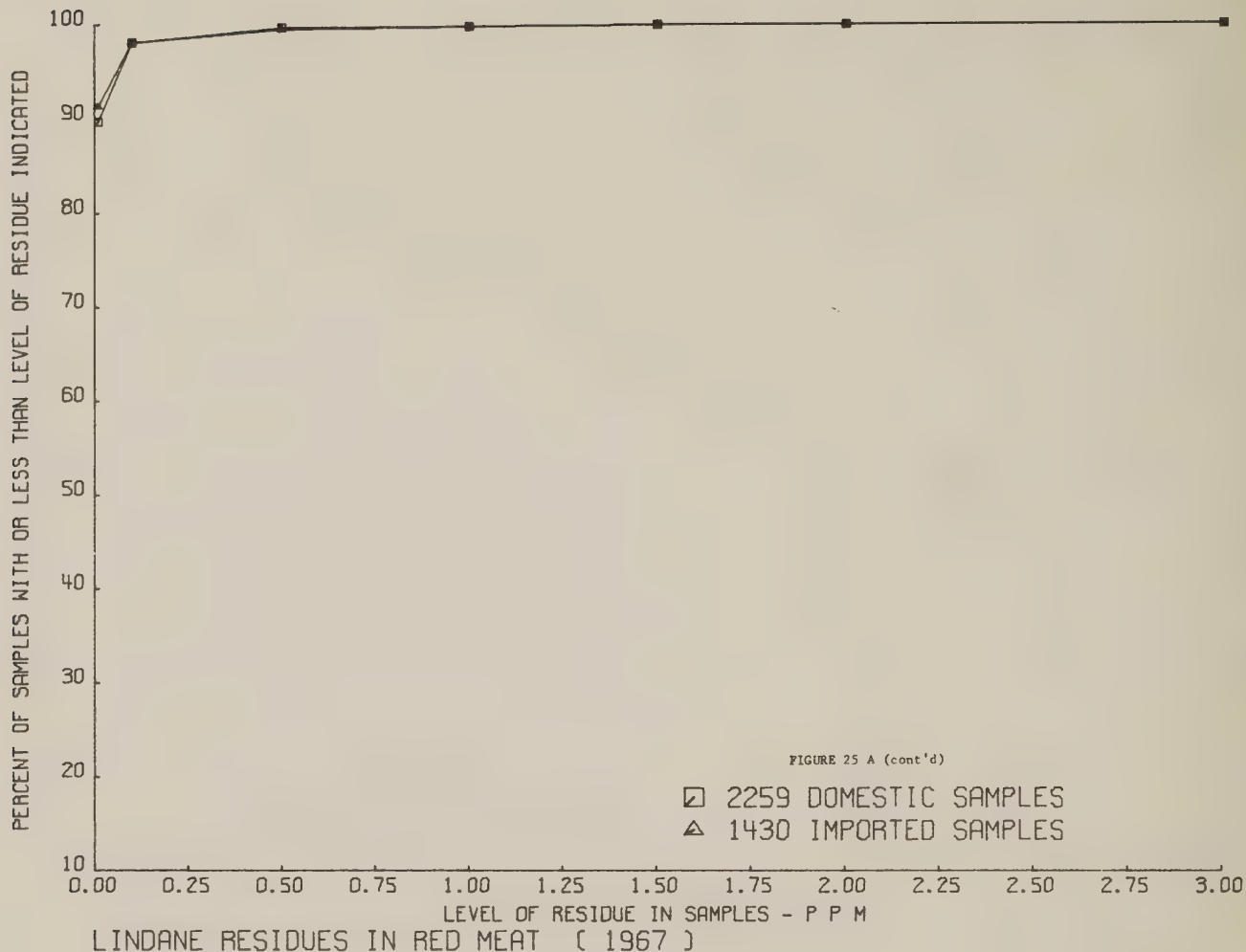
RED MEAT

TABLE 25 A (cont'd)

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	79.81	79.81	89.16	89.16
TRACE-0.10	18.10	18.10	9.37	9.37
0.11 -0.50	1.72	1.72	1.46	1.46
0.51 -1.00	.13	.13	0.00	0.00
1.01 -1.50	.04	.04	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00
2.01 -3.00	.08	.08	0.00	0.00
ABOVE 3.00	.08	.08	0.00	0.00
AVERAGE PPM	.01	.01	0.00	0.00

LIMIT OF RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	79.81	79.81	89.16	89.16
0.10	97.91	97.91	98.53	98.53
0.50	99.64	99.64	99.99	99.99
1.00	99.77	99.77	99.99	99.99
1.50	99.82	99.82	99.99	99.99
2.00	99.82	99.82	99.99	99.99
3.00	99.91	99.91	99.99	99.99

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	1803	1803	1275	1275
TRACE-0.10	409	409	134	134
0.11 -0.50	39	39	21	21
0.51 -1.00	3	3	0	0
1.01 -1.50	1	1	0	0
1.51 -2.00	0	0	0	0
2.01 -3.00	2	2	0	0
ABOVE 3.00	2	2	0	0
TOTAL	2259	2259	1430	1430



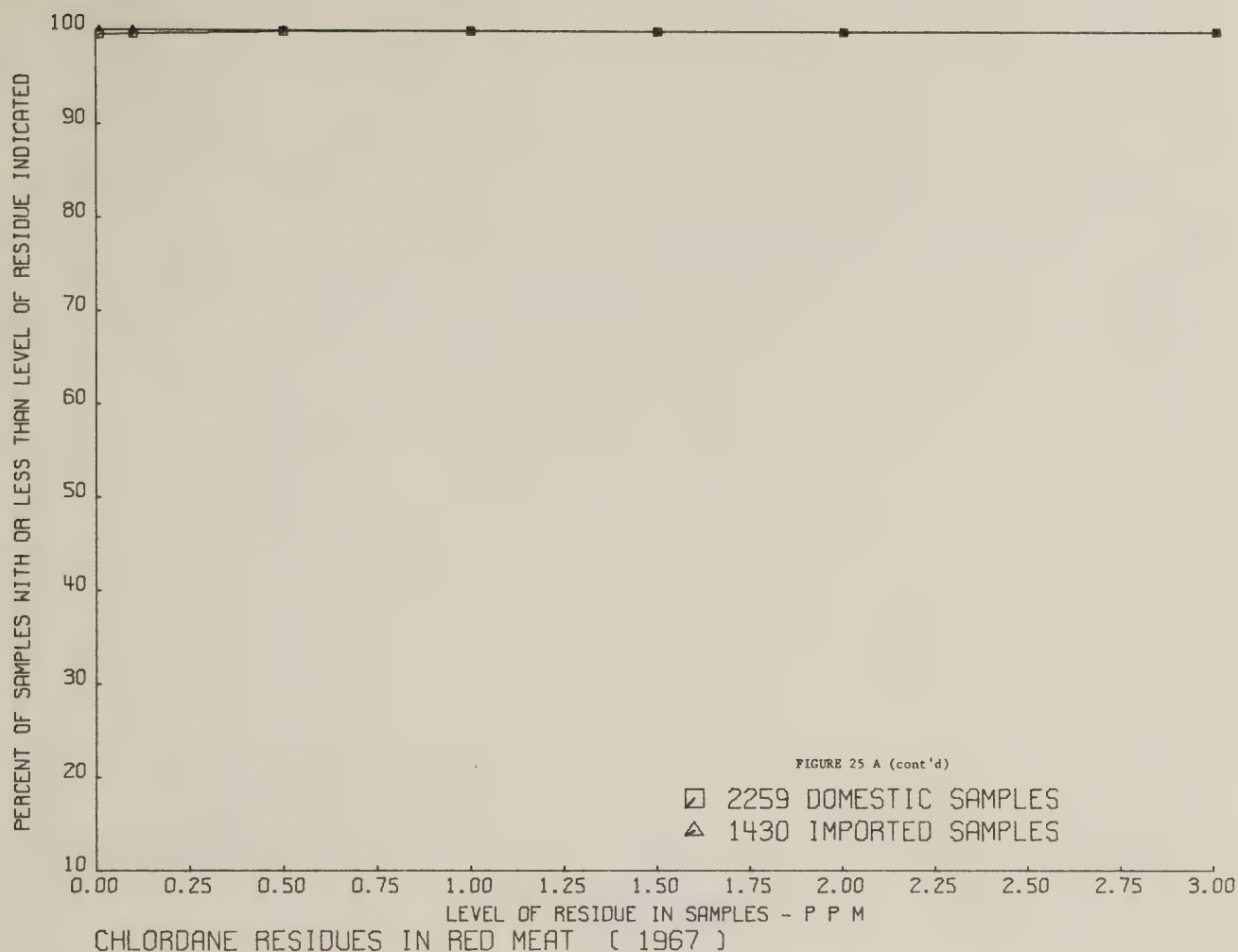
RED MEAT

TABLE 25 A (cont'd)

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	89.72	89.72	91.32	91.32
TRACE-0.10	8.32	8.32	6.71	6.71
0.11 -0.50	1.59	1.59	1.46	1.46
0.51 -1.00	.17	.17	.27	.27
1.01 -1.50	.17	.17	.20	.20
1.51 -2.00	0.00	0.00	0.00	0.00
2.01 -3.00	0.00	0.00	0.00	0.00
ABOVE 3.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	89.72	89.72	91.32	91.32
0.10	98.05	98.05	98.04	98.04
0.50	99.64	99.64	99.51	99.51
1.00	99.82	99.82	99.79	99.79
1.50	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99
3.00	99.99	99.99	99.99	99.99

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	2027	2027	1306	1306
TRACE-0.10	188	188	96	96
0.11 -0.50	36	36	21	21
0.51 -1.00	4	4	4	4
1.01 -1.50	4	4	3	3
1.51 -2.00	0	0	0	0
2.01 -3.00	0	0	0	0
ABOVE 3.00	0	0	0	0
TOTAL	2259	2259	1430	1430



RED MEAT

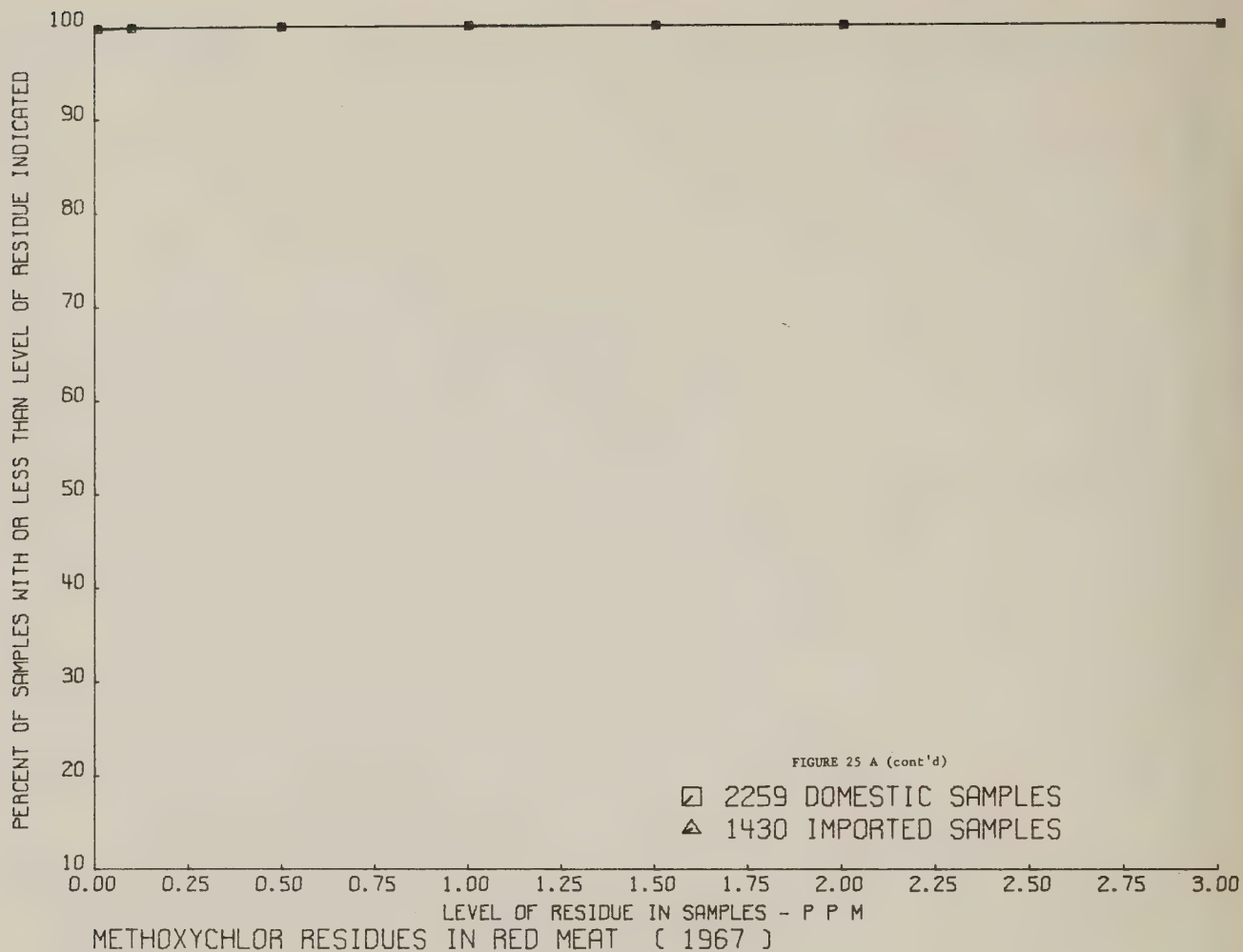
TABLE 25 A (cont'd)

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	99.46	99.46	100.00	100.00
TRACE-0.10	.08	.08	0.00	0.00
0.11 -0.50	.35	.35	0.00	0.00
0.51 -1.00	.04	.04	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00
2.01 -3.00	0.00	0.00	0.00	0.00
ABOVE 3.00	.04	.04	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	CUMULATIVE PERCENT DISTRIBUTION OF SAMPLES FOR CHLORDANE			
	1967	TOTAL	1967	TOTAL
NONE FOUND	99.46	99.46	100.00	100.00
0.10	99.55	99.55	100.00	100.00
0.50	99.91	99.91	100.00	100.00
1.00	99.95	99.95	100.00	100.00
1.50	99.95	99.95	100.00	100.00
2.00	99.95	99.95	100.00	100.00
3.00	99.95	99.95	100.00	100.00

RANGE PPM	NUMBER OF SAMPLES FOR CHLORDANE			
	1967	TOTAL	1967	TOTAL
NONE FOUND	2247	2247	1430	1430
TRACE-0.10	2	2	0	0
0.11 -0.50	8	8	0	0
0.51 -1.00	1	1	0	0
1.01 -1.50	0	0	0	0
1.51 -2.00	0	0	0	0
2.01 -3.00	0	0	0	0
ABOVE 3.00	1	1	0	0
TOTAL	2259	2259	1430	1430





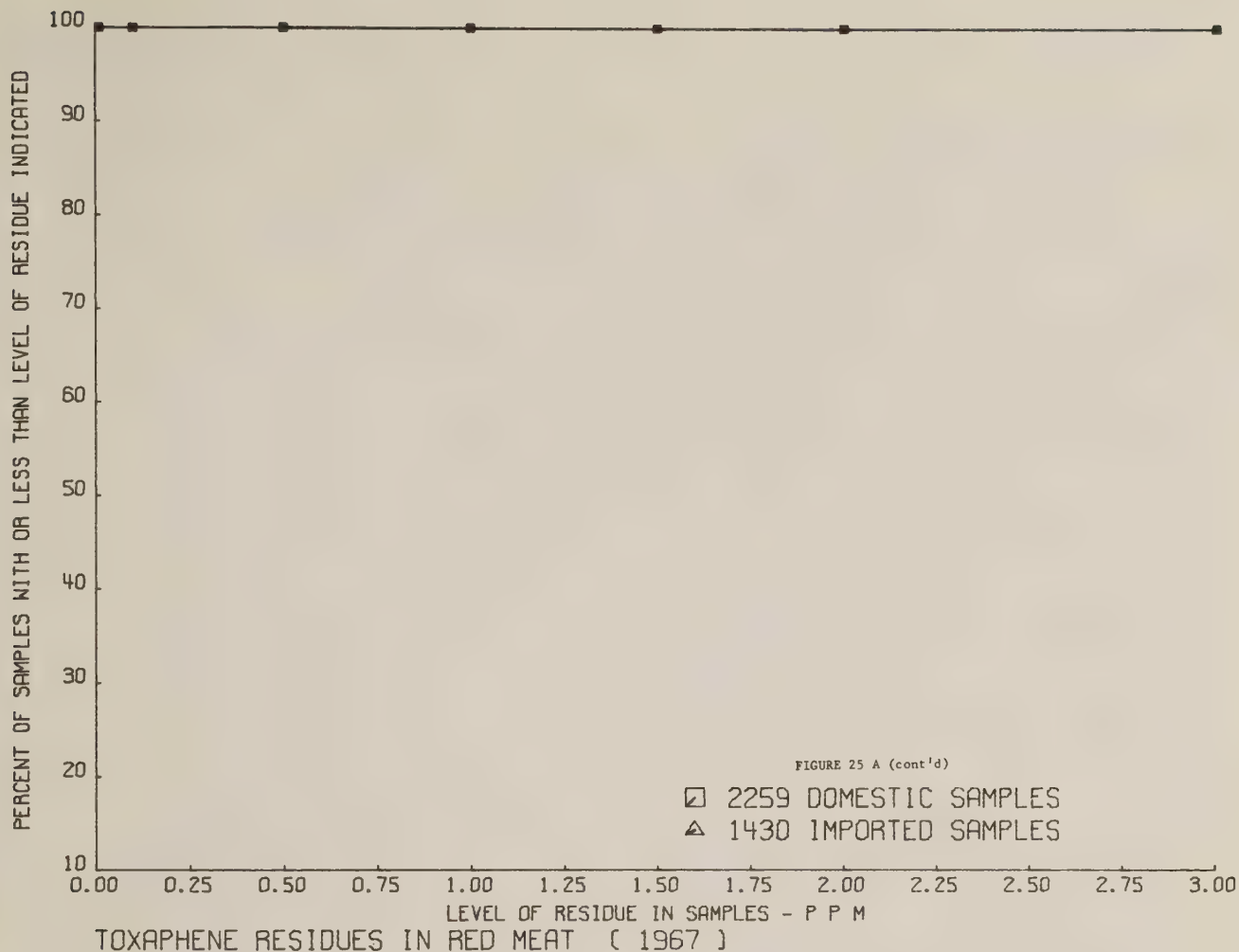
RED MEAT

TABLE 25 A (cont'd)

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	99.60	99.60	99.65	99.65
TRACE-0.10	.08	.08	.13	.13
0.11 -0.50	.22	.22	.06	.06
0.51 -1.00	.08	.08	.06	.06
1.01 -1.50	0.00	0.00	.06	.06
1.51 -2.00	0.00	0.00	0.00	0.00
2.01 -3.00	0.00	0.00	0.00	0.00
ABOVE 3.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	99.60	99.60	99.65	99.65
0.10	99.69	99.69	99.79	99.79
0.50	99.91	99.91	99.86	99.86
1.00	99.99	99.99	99.93	99.93
1.50	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99
3.00	99.99	99.99	99.99	99.99

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	2250	2250	1425	1425
TRACE-0.10	2	2	2	2
0.11 -0.50	5	5	1	1
0.51 -1.00	2	2	1	1
1.01 -1.50	0	0	1	1
1.51 -2.00	0	0	0	0
2.01 -3.00	0	0	0	0
ABOVE 3.00	0	0	0	0
TOTAL	2259	2259	1430	1430



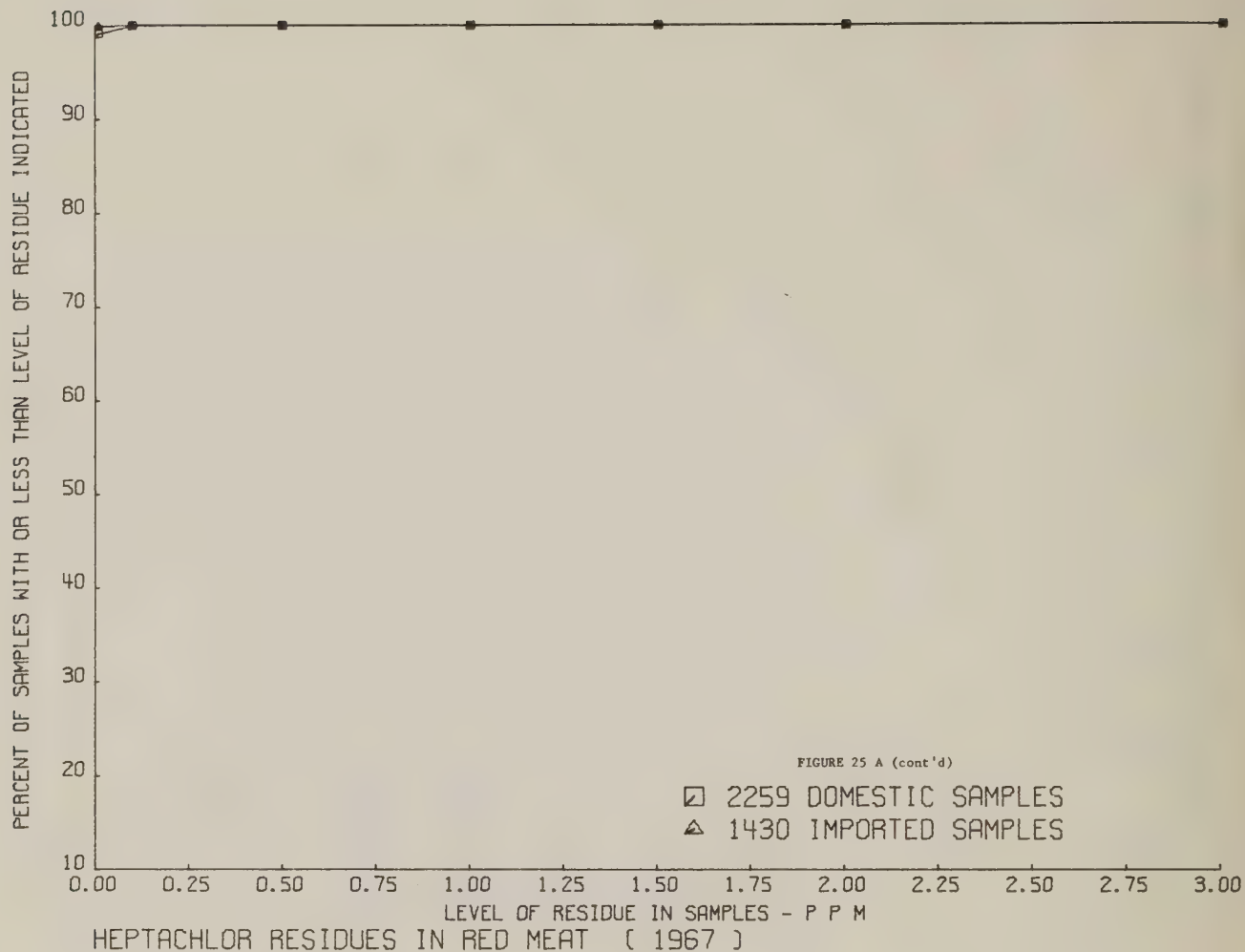
RED MEAT

TABLE 25 A (cont'd)

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	99.86	99.86	99.86	99.86
TRACE-0.10	0.00	0.00	0.00	0.00
0.11 -0.50	.08	.08	0.00	0.00
0.51 -1.00	.04	.04	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00
2.01 -3.00	0.00	0.00	0.00	0.00
ABOVE 3.00	0.00	0.00	.13	.13
AVERAGE PPM	0.00	0.00	.01	.01

LIMIT OF RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	99.86	99.86	99.86	99.86
0.10	99.86	99.86	99.86	99.86
0.50	99.95	99.95	99.86	99.86
1.00	99.99	99.99	99.86	99.86
1.50	99.99	99.99	99.86	99.86
2.00	99.99	99.99	99.86	99.86
3.00	99.99	99.99	99.86	99.86

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	2256	2256	1428	1428
TRACE-0.10	0	0	0	0
0.11 -0.50	2	2	0	0
0.51 -1.00	1	1	0	0
1.01 -1.50	0	0	0	0
1.51 -2.00	0	0	0	0
2.01 -3.00	0	0	0	0
ABOVE 3.00	0	0	2	2
TOTAL	2259	2259	1430	1430



RED MEAT

TABLE 25 A (cont'd)

RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	99.07	99.07	99.93	99.93
TRACE-0.10	.88	.88	.06	.06
0.11 -0.50	.04	.04	0.00	0.00
0.51 -1.00	0.00	0.00	0.00	0.00
1.01 -1.50	0.00	0.00	0.00	0.00
1.51 -2.00	0.00	0.00	0.00	0.00
2.01 -3.00	0.00	0.00	0.00	0.00
ABOVE 3.00	0.00	0.00	0.00	0.00
AVERAGE PPM	0.00	0.00	0.00	0.00

LIMIT OF RANGE PPM	DOMESTIC		IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	99.07	99.07	99.93	99.93
0.10	99.95	99.95	99.99	99.99
0.50	99.99	99.99	99.99	99.99
1.00	99.99	99.99	99.99	99.99
1.50	99.99	99.99	99.99	99.99
2.00	99.99	99.99	99.99	99.99
3.00	99.99	99.99	99.99	99.99

RANGE PPM	NUMBER OF SAMPLES FOR DOMESTIC		NUMBER OF SAMPLES FOR IMPORTED	
	1967	TOTAL	1967	TOTAL
NONE FOUND	2238	2238	1429	1429
TRACE-0.10	20	20	1	1
0.11 -0.50	1	1	0	0
0.51 -1.00	0	0	0	0
1.01 -1.50	0	0	0	0
1.51 -2.00	0	0	0	0
2.01 -3.00	0	0	0	0
ABOVE 3.00	0	0	0	0
TOTAL	2259	2259	1430	1430

## Statistical Treatment of Data

The numbers of samples falling into the various ranges of level of residue were accumulated from the "none found" to the most highly contaminated, "more than 2 ppm". These cumulative counts were converted to percentages. Such percentages may be stated as "percent of samples containing not more than [the stated upper boundary of a class] ppm".

From the general nature of the cumulative curve of percent and the graphs of specific cases of the data at hand it was deduced that the log normal distribution might be used to mathematically describe the curves of percent of samples containing not more than the stated ppm of a particular pesticide. Following visual verification of this by plotting several cases, the upper boundaries of the classes or ranges of residue values were converted to logarithms and the percent of samples (based on the total of all years for a particular pesticide on a particular group of commodities) not exceeding these boundaries were converted to equivalent normal deviates. The linear regression of equivalent normal deviate on the logarithm of upper boundary was computed for each pesticide, in each group of commodities. For computing purposes, and also reflecting the general sensitivity level of the several analytical procedures, the class of samples in which no residue was found was assigned an upper limit of 0.01 ppm.

From the linear regression, 95 percent confidence limits on the lower side (i.e., limits which we believe, with 95 percent confidence to be lower than the true values if they could be known) were calculated for 0.1, 0.5, and 1.0 ppm. These were converted from equivalent normal deviates back to percentage and tabulated in Tables 4B-12B, 14B, 22B, 23B, and 25B. Since the percentages, as obtained, do not meet all the assumptions of the log normal distribution, it is not expected that confidence limits calculated by conventional procedures as above would conform to the indicated probability levels. This was investigated by examining, for each group of commodities, each pesticide in which there was one or more samples discovered in the range of 0.51 to 1.00 ppm or higher, to determine in how many cases the actual or observed percentage was less than the calculated lower 95 percent confidence limit.

The counts can be divided into two cases, those based on the totals of all years (the data on which the regressions were based), and those based on the individual years going into the totals. The individual years, being more variable than the totals of all years, should have a higher proportion of observed values below the confidence limits than is true of the totals.

The counts of the totals showed not a single observed percentage out of 138 cases below the lower 95 confidence limit for any one of the three residue levels. This is a rather surprising result in view of the fact that 5 percent of the samples are expected to be lower - if all the original assumptions had been met. For the counts of the individual years, however, there were 122 cases out of 906, or 13.5 percent, having sample values lower than the predicted boundary.

Since individual years provide a considerable number of samples with estimates lower than the 95 percent lower confidence limits, but the more stable totals provide no such cases, it is concluded that attributing the ordinary 95 percent confidence statement to the limits calculated in this study is a conservative procedure for defining lower boundaries of the percent of samples containing not more than the stated amount of residue.

In addition to listing minimum values, the lower 95 percent confidence limit for percent of samples having 0.1, 0.5, or 1.0 ppm, these tables also list two other statistics,  $R^2$  and  $s_{y.x}$ .  $R^2$  is the proportion of variability in percent of samples (transformed to equivalent normal deviate) explained by the regression on residue level (transformed to natural logarithm of residue level) and  $s_{y.x}$  is the standard error of estimate, i.e., the standard deviation of percent of samples adjusted for regression, (equivalent normal deviates adjusted for regression on the logarithm of ppm).

As an example of how these tables may be used, note that at the line for DDT, Domestic, Large Fruits, Table 4B, we find under the columns ppm.1, ppm.5, ppm1.,  $R^2$ , and  $s_{y.x}$  the following numerical values: 87.09, 96.29, 98.03, .989, and .095. This means that we are 95 percent confident that the true percent of samples having not more than 0.1 ppm of DDT is itself not less than 87.09. Likewise for the 0.5 and 1.0 ppm residue levels we believe the true percentages are not less than 96.29 and 98.03 respectively.  $R^2 = .970$  indicates that 97 percent of the original variation in equivalent normal deviates was explained by the logarithm of residue level.  $S_{y.x} = .142$  is the standard deviation of equivalent normal deviates measured from the prediction line.



TABLE 4 B

## LARGE FRUITS

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	98.50	99.76	99.89	.944	.235
ALDRIN		IMPORTED	99.67	99.90	99.94	.952	.138
BHC		DOMESTIC	99.79	99.89	99.91	.702	.221
BHC		IMPORTED	99.71	99.91	99.94	.954	.128
DDT		DOMESTIC	87.09	96.29	98.03	.989	.095
DDT		IMPORTED	89.35	97.26	98.57	.897	.318
DIAZINON		DOMESTIC	99.64	99.89	99.94	.964	.120
DIAZINON		IMPORTED	99.92	99.95	99.95	.854	.095
DIELDRIN		DOMESTIC	96.78	99.52	99.79	.900	.354
DIELDRIN		IMPORTED	87.43	96.67	98.19	.729	.581
ENDRIN		DOMESTIC	99.46	99.82	99.88	.809	.273
ENDRIN		IMPORTED	90.97	99.05	99.68	.920	.414
KELTHANE		DOMESTIC	91.81	97.69	98.72	.915	.254
KELTHANE		IMPORTED	95.46	98.72	99.27	.969	.294
LINDANE		DOMESTIC	99.51	99.85	99.91	.913	.185
LINDANE		IMPORTED	98.49	99.60	99.77	.758	.398
PARATHION		DOMESTIC	99.01	99.82	99.91	.973	.145
PARATHION		IMPORTED	99.79	99.92	99.95	.955	.112
NA-O-PHENYLPHENATE		IMPORTED	98.75	99.10	99.20	.459	.192
TDE		DOMESTIC	98.25	99.63	99.82	.995	.057
TDE		IMPORTED	99.12	99.76	99.86	.934	.176
TOXAPHENE		DOMESTIC	99.88	99.94	99.96	.977	.060
TOXAPHENE		IMPORTED	99.90	99.93	99.94	.459	.178
TRITHION		DOMESTIC	99.70	99.91	99.94	.957	.128
TRITHION		IMPORTED	99.93	99.95	99.95	.459	.129
CARBARYL		DOMESTIC	96.01	98.62	99.13	.826	.290
ETHION		DOMESTIC	95.83	99.00	99.48	.919	.248
ETHION		IMPORTED	99.67	99.89	99.93	.953	.121
TEDION		DOMESTIC	98.40	99.66	99.82	.942	.202
TEDION		IMPORTED	97.35	99.39	99.68	.879	.303
THIODAN		DOMESTIC	99.63	99.89	99.93	.939	.160
THIODAN		IMPORTED	99.84	99.93	99.95	.945	.107
DDE		DOMESTIC	95.90	99.36	99.73	.936	.279
DDE		IMPORTED	98.46	99.71	99.86	.899	.294
HEPTACHLOR EPOXIDE		DOMESTIC	99.70	99.88	99.92	.813	.219
HEPTACHLOR EPOXIDE		IMPORTED	99.47	99.73	99.79	.459	.383

TABLE 5 B

## SMALL FRUITS

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.43	99.86	99.92	.928	.196
ALDRIN		IMPORTED	98.78	99.66	99.80	.764	.373
BHC		DOMESTIC	99.89	99.92	99.93	.459	.195
BHC		IMPORTED	98.57	99.40	99.56	.459	.509
DDT		DOMESTIC	80.15	95.07	97.64	.954	.247
DDT		IMPORTED	61.46	90.24	95.55	.877	.526
DIELDRIN		DOMESTIC	97.74	99.60	99.81	.884	.341
DIELDRIN		IMPORTED	98.11	99.25	99.46	.459	.546
ENDRIN		DOMESTIC	99.68	99.86	99.90	.703	.263
ENDRIN		IMPORTED	99.02	99.56	99.67	.459	.459
KELTHANE		DOMESTIC	94.97	97.63	98.30	.907	.152
KELTHANE		IMPORTED	86.68	92.17	93.55	.403	.513
LINDANE		DOMESTIC	99.09	99.59	99.69	.459	.450
LINDANE		IMPORTED	99.02	99.56	99.67	.459	.459
PARATHION		DOMESTIC	98.71	99.78	99.90	.973	.150
PARATHION		IMPORTED	98.74	99.67	99.81	.854	.294
PERTHANE		DOMESTIC	97.08	97.50	97.65	.771	.051
TDE		DOMESTIC	97.34	99.43	99.71	.952	.190
TDE		IMPORTED	98.51	99.76	99.89	.951	.218
TOXAPHENE		DOMESTIC	97.70	98.84	99.13	.763	.218
TOXAPHENE		IMPORTED	99.59	99.84	99.89	.753	.268
ETHION		DOMESTIC	98.44	99.68	99.83	.902	.275
ETHION		IMPORTED	98.72	99.65	99.79	.773	.370
TEDION		DOMESTIC	95.44	98.59	99.16	.851	.297
THIODAN		DOMESTIC	99.58	99.89	99.94	.952	.153
THIODAN		IMPORTED	96.67	98.83	99.24	.745	.356
DDE		DOMESTIC	95.44	99.45	99.79	.924	.348
DDE		IMPORTED	94.93	99.37	99.76	.928	.338
HEPTACHLOR EPOXIDE		DOMESTIC	99.68	99.90	99.94	.943	.145
HEPTACHLOR EPOXIDE		IMPORTED	99.48	99.74	99.79	.459	.380

TABLE 6 B

## WHOLE GRAINS FOR HUMAN USE

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.44	99.84	99.91	.933	.174
ALDRIN		IMPORTED	97.75	99.13	99.38	.459	.570
BHC		DOMESTIC	99.24	99.72	99.81	.714	.326
BHC		IMPORTED	99.20	99.63	99.72	.459	.433
CHLORDANE		DOMESTIC	99.70	99.89	99.93	.954	.114
CHLORDANE		IMPORTED	97.87	99.49	99.72	.777	.421
DDT		DOMESTIC	96.17	99.40	99.75	.996	.061
DDT		IMPORTED	93.65	99.22	99.71	.929	.348
DIAZINON		DOMESTIC	99.72	99.85	99.88	.843	.130
DIELDRIN		DOMESTIC	98.56	99.60	99.76	.747	.393
DIELDRIN		IMPORTED	98.72	99.63	99.78	.753	.377
ENDRIN		DOMESTIC	99.87	99.93	99.94	.830	.141
ENDRIN		IMPORTED	98.72	99.63	99.78	.753	.377
HEPTACHLOR		DOMESTIC	99.84	99.92	99.94	.814	.157
HEPTACHLOR		IMPORTED	97.87	99.49	99.72	.777	.421
LINDANE		DOMESTIC	98.04	99.61	99.81	.930	.240
LINDANE		IMPORTED	95.26	99.03	99.52	.765	.521
MALATHION		DOMESTIC	94.78	97.32	98.02	.985	.051
METHOXYCHLOR		DOMESTIC	97.49	99.15	99.47	.884	.220
PARATHION		DOMESTIC	99.72	99.88	99.91	.761	.234
TDE		DOMESTIC	99.34	99.84	99.91	.930	.202
TOXAPHENE		DOMESTIC	99.71	99.88	99.92	.930	.123
CARBARYL		DOMESTIC	98.42	99.65	99.81	.880	.293
DDE		DOMESTIC	96.99	99.37	99.67	.796	.444
DDE		IMPORTED	98.72	99.63	99.78	.753	.377
HEPTACHLOR EPOXIDE		DOMESTIC	99.80	99.88	99.90	.548	.248

TABLE 7 B

## LEAF AND STEM VEGETABLES

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.39	99.85	99.92	.925	.203
ALDRIN		IMPORTED	98.42	99.74	99.88	.943	.232
BHC		DOMESTIC	99.65	99.87	99.91	.999	.015
BHC		IMPORTED	99.38	99.70	99.77	.459	.401
DDT		DOMESTIC	87.17	95.71	97.54	.998	.031
DDT		IMPORTED	89.78	96.16	97.61	.978	.104
DIAZINON		DOMESTIC	98.28	99.45	99.67	.993	.049
DIAZINON		IMPORTED	94.30	98.89	99.46	.776	.532
DIELDRIN		DOMESTIC	97.94	99.69	99.87	.934	.271
DIELDRIN		IMPORTED	96.94	99.65	99.87	.957	.250
ENDRIN		DOMESTIC	99.32	99.87	99.93	.987	.096
ENDRIN		IMPORTED	98.29	99.31	99.50	.459	.533
LINDANE		DOMESTIC	98.83	99.59	99.74	.966	.103
LINDANE		IMPORTED	98.15	99.72	99.87	.947	.236
METHOXYCHLOR		DOMESTIC	99.88	99.92	99.93	.922	.066
METHOXYCHLOR		IMPORTED	96.00	99.22	99.62	.854	.391
METACIDE		DOMESTIC	96.44	99.26	99.63	.921	.262
PARATHION		DOMESTIC	93.52	98.05	98.89	.966	.141
TDE		DOMESTIC	98.26	99.54	99.75	.985	.088
TDE		IMPORTED	99.38	99.70	99.77	.459	.401
TOXAPHENE		DOMESTIC	93.72	95.45	96.03	.897	.074
TOXAPHENE		IMPORTED	98.73	99.67	99.81	.854	.294
MITOX		DOMESTIC	99.87	99.93	99.95	.896	.123
MITOX		IMPORTED	98.71	99.65	99.79	.773	.371
THIODAN		DOMESTIC	99.00	99.72	99.84	.983	.086
THIODAN		IMPORTED	98.47	99.73	99.87	.936	.238
DACTHAL		DOMESTIC	99.81	99.93	99.95	.979	.075
DDE		DOMESTIC	96.16	99.64	99.88	.985	.159
DDE		IMPORTED	97.55	99.69	99.87	.954	.243
HEPTACHLOR EPOXIDE		DOMESTIC	98.61	99.61	99.77	.741	.399
HEPTACHLOR EPOXIDE		IMPORTED	96.79	99.45	99.75	.899	.332
PCNB		DOMESTIC	99.44	99.65	99.71	.960	.049
PCNB		IMPORTED	99.38	99.70	99.77	.459	.401

TABLE 8 B

## VINE AND EAR VEGETABLES

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.29	99.69	99.78	.600	.351
ALDRIN		IMPORTED	99.39	99.77	99.85	.710	.328
BHC		DOMESTIC	99.76	99.91	99.94	.912	.155
BHC		IMPORTED	99.66	99.89	99.93	.925	.167
CHLORDANE		DOMESTIC	98.89	99.77	99.88	.931	.224
CHLORDANE		IMPORTED	99.75	99.89	99.92	.771	.218
DDT		DOMESTIC	93.95	98.66	99.35	.983	.119
DDT		IMPORTED	81.93	95.54	97.90	.994	.081
DIAZINON		DOMESTIC	99.71	99.90	99.93	.928	.150
DIAZINON		IMPORTED	99.83	99.91	99.93	.777	.185
DIELDRIN		DOMESTIC	96.64	99.64	99.87	.966	.231
DIELDRIN		IMPORTED	95.96	99.51	99.81	.948	.279
ENDRIN		DOMESTIC	99.19	99.84	99.92	.954	.183
ENDRIN		IMPORTED	98.05	99.72	99.88	.946	.247
LINDANE		DOMESTIC	99.30	99.82	99.90	.892	.243
LINDANE		IMPORTED	98.74	99.77	99.89	.933	.236
PARATHION		DOMESTIC	99.57	99.87	99.92	.989	.066
PARATHION		IMPORTED	98.95	99.83	99.92	.984	.117
TDE		DOMESTIC	98.69	99.78	99.90	.988	.100
TDE		IMPORTED	98.80	99.66	99.80	.891	.230
TOXAPHENE		DOMESTIC	98.42	99.32	99.52	.885	.165
TOXAPHENE		IMPORTED	97.26	98.33	98.63	.764	.161
THIODAN		DOMESTIC	99.75	99.92	99.95	.991	.056
THIODAN		IMPORTED	98.25	99.56	99.75	.772	.405
DDE		DOMESTIC	98.54	99.76	99.89	.952	.214
DDE		IMPORTED	89.78	97.86	98.98	.834	.469
HEPTACHLOR EPOXIDE		DOMESTIC	99.22	99.79	99.88	.874	.255
HEPTACHLOR EPOXIDE		IMPORTED	99.30	99.82	99.89	.893	.237

TABLE 9 B

## ROOT VEGETABLES

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.42	99.87	99.93	.966	.144
ALDRIN		IMPORTED	93.57	98.78	99.42	.777	.547
BHC		DOMESTIC	99.76	99.92	99.95	.980	.081
BHC		IMPORTED	96.00	98.65	99.17	.946	.153
CHLORDANE		DOMESTIC	99.07	99.79	99.89	.958	.162
CHLORDANE		IMPORTED	99.59	99.85	99.90	.854	.210
DDT		DOMESTIC	91.70	98.21	99.16	.996	.062
DDT		IMPORTED	90.72	97.67	98.82	.980	.129
DIAZINON		DOMESTIC	99.72	99.91	99.94	.938	.145
DIAZINON		IMPORTED	93.96	99.31	99.75	.938	.329
DIELDRIN		DOMESTIC	95.44	99.55	99.85	.959	.270
DIELDRIN		IMPORTED	96.21	99.59	99.85	.955	.269
ENDRIN		DOMESTIC	98.84	99.80	99.91	.952	.207
ENDRIN		IMPORTED	99.76	99.86	99.88	.459	.286
HEPTACHLOR		DOMESTIC	99.55	99.82	99.87	.706	.297
HEPTACHLOR		IMPORTED	97.33	99.40	99.68	.776	.446
LINDANE		DOMESTIC	99.54	99.88	99.94	.990	.069
LINDANE		IMPORTED	98.50	99.61	99.77	.773	.388
METACIDE		DOMESTIC	99.90	99.95	99.96	.976	.057
METACIDE		IMPORTED	99.12	99.60	99.70	.459	.446
PARATHION		DOMESTIC	99.74	99.91	99.94	.929	.145
TDE		DOMESTIC	98.79	99.83	99.93	.984	.128
TDE		IMPORTED	98.84	99.50	99.63	.459	.481
TOXAPHENE		DOMESTIC	98.53	99.43	99.62	.855	.211
DDE		DOMESTIC	94.27	99.43	99.81	.987	.152
DDE		IMPORTED	98.50	99.75	99.88	.935	.248
HEPTACHLOR EPOXIDE		DOMESTIC	99.08	99.77	99.87	.928	.199
HEPTACHLOR EPOXIDE		IMPORTED	96.45	99.25	99.61	.777	.476

TABLE 10 B

## BEANS

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.57	99.78	99.82	.459	.355
ALDRIN		IMPORTED	98.38	99.34	99.52	.459	.526
BHC		DOMESTIC	99.59	99.84	99.88	.827	.210
BHC		IMPORTED	98.03	99.66	99.84	.925	.270
DDT		DOMESTIC	83.92	94.85	97.08	.934	.236
DDT		IMPORTED	72.17	90.72	94.91	.983	.133
DIAZINON		DOMESTIC	99.56	99.83	99.89	.764	.274
DIELDRIN		DOMESTIC	98.45	99.71	99.86	.909	.282
DIELDRIN		IMPORTED	92.84	97.52	98.36	.459	.750
ENDRIN		DOMESTIC	99.78	99.90	99.92	.761	.210
ENDRIN		IMPORTED	99.15	99.61	99.71	.459	.441
LINDANE		DOMESTIC	99.64	99.89	99.93	.914	.178
LINDANE		IMPORTED	93.01	98.68	99.38	.776	.557
PARATHION		DOMESTIC	99.46	99.87	99.92	.944	.172
PARATHION		IMPORTED	94.59	99.37	99.77	.940	.318
TDE		DOMESTIC	99.35	99.86	99.93	.980	.112
TDE		IMPORTED	98.15	99.66	99.84	.917	.273
TOXAPHENE		DOMESTIC	97.78	99.31	99.57	.778	.344
TOXAPHENE		IMPORTED	98.17	99.57	99.77	.854	.324
DDE		DOMESTIC	97.99	99.65	99.84	.927	.265
DDE		IMPORTED	74.79	95.21	97.99	.760	.781
HEPTACHLOR EPOXIDE		DOMESTIC	99.68	99.82	99.85	.459	.320
HEPTACHLOR EPOXIDE		IMPORTED	99.15	99.61	99.71	.459	.441

TABLE 11 B

## SHELL EGGS

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
BHC		DOMESTIC	98.86	99.53	99.67	.874	.177
BHC		IMPORTED	98.99	99.69	99.81	.753	.354
DDT		DOMESTIC	84.65	96.07	98.05	.958	.215
DDT		IMPORTED	94.49	99.38	99.78	.943	.313
DIELDRIN		DOMESTIC	93.42	98.57	99.29	.873	.363
DIELDRIN		IMPORTED	96.95	99.33	99.65	.769	.466
ENDRIN		DOMESTIC	99.16	99.62	99.71	.459	.439
LINDANE		DOMESTIC	98.70	99.77	99.89	.935	.240
LINDANE		IMPORTED	93.52	97.75	98.50	.459	.733
TDE		DOMESTIC	98.25	99.72	99.87	.929	.266
TDE		IMPORTED	99.35	99.69	99.76	.459	.407
DDE		DOMESTIC	76.32	95.59	98.26	.953	.305
DDE		IMPORTED	84.00	97.16	98.78	.776	.679
HEPTACHLOR EPOXIDE		DOMESTIC	98.96	99.72	99.83	.804	.333
HEPTACHLOR EPOXIDE		IMPORTED	97.63	99.08	99.35	.459	.578
ALDRIN		DOMESTIC	99.52	99.76	99.81	.459	.369
TOXAPHENE		DOMESTIC	99.74	99.79	99.80	.661	.071



TABLE 12 B

## NUTS

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.21	99.63	99.72	.459	.431
ALDRIN		IMPORTED	99.38	99.70	99.77	.459	.401
BHC		DOMESTIC	97.59	99.02	99.31	.661	.362
BHC		IMPORTED	75.45	95.65	98.31	.893	.493
DDT		DOMESTIC	95.79	98.49	99.05	.959	.126
DDT		IMPORTED	88.91	98.48	99.44	.936	.345
DIELDRIN		DOMESTIC	97.91	99.05	99.32	.922	.127
DIELDRIN		IMPORTED	97.94	99.71	99.87	.948	.242
ENDRIN		DOMESTIC	99.39	99.70	99.77	.459	.399
LINDANE		DOMESTIC	99.43	99.85	99.91	.927	.191
LINDANE		IMPORTED	94.50	99.22	99.69	.911	.362
TDE		DOMESTIC	99.04	99.81	99.90	.938	.214
TDE		IMPORTED	95.10	99.41	99.78	.939	.311
TOXAPHENE		DOMESTIC	99.76	99.86	99.88	.459	.284
TOXAPHENE		IMPORTED	97.38	99.44	99.71	.854	.354
DDE		DOMESTIC	97.56	99.67	99.86	.948	.251
DDE		IMPORTED	74.59	96.30	98.73	.886	.563
HEPTACHLOR EPOXIDE		DOMESTIC	99.57	99.78	99.82	.459	.355

TABLE 14 B

## WHOLE GRAINS FOR ANIMAL USE

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.16	99.73	99.82	.733	.350
ALDRIN		IMPORTED	98.45	99.36	99.54	.459	.520
BHC		DOMESTIC	99.16	99.73	99.82	.733	.350
DDT		DOMESTIC	93.71	98.28	99.07	.970	.142
DDT		IMPORTED	92.87	98.66	99.37	.773	.565
DIELDRIN		DOMESTIC	96.40	99.24	99.61	.772	.483
ENDRIN		DOMESTIC	99.65	99.81	99.85	.459	.330
LINDANE		DOMESTIC	98.17	99.55	99.74	.770	.411
LINDANE		IMPORTED	94.69	98.96	99.49	.777	.524
MALATHION		DOMESTIC	93.78	97.10	97.95	.972	.084
TDE		DOMESTIC	98.78	99.75	99.87	.908	.268
TOXAPHENE		DOMESTIC	99.54	99.77	99.82	.661	.249
DDE		DOMESTIC	95.52	99.03	99.50	.742	.530
HEPTACHLOR EPOXIDE		DOMESTIC	98.24	99.29	99.49	.459	.537
PCP		DOMESTIC	99.56	99.77	99.82	.459	.360



TABLE 22 B

## FLUID MILK

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.44	99.86	99.92	.931	.192
BHC		DOMESTIC	98.87	99.84	99.93	.996	.064
DDT		DOMESTIC	94.18	98.73	99.40	.998	.041
DIELDRIN		DOMESTIC	89.35	98.23	99.29	.980	.168
HEPTACHLOR		DOMESTIC	99.68	99.90	99.94	.955	.132
LINDANE		DOMESTIC	99.26	99.85	99.92	.996	.051
METHOXYCHLOR		DOMESTIC	99.36	99.75	99.83	.943	.120
TDE		DOMESTIC	96.63	99.28	99.65	.996	.050
DDE		DOMESTIC	84.91	96.99	98.72	.989	.121
HEPTACHLOR EPOXIDE		DOMESTIC	88.17	98.11	99.26	.958	.258

TABLE 23 B

## DAIRY PRODUCTS

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
ALDRIN		DOMESTIC	99.41	99.79	99.86	.756	.304
ALDRIN		IMPORTED	98.98	99.80	99.90	.943	.207
BHC		DOMESTIC	96.90	99.37	99.69	.989	.093
BHC		IMPORTED	83.20	93.38	95.84	.971	.129
DDT		DOMESTIC	90.02	98.35	99.33	.974	.193
DDT		IMPORTED	83.03	95.30	97.56	.945	.242
DIELDRIN		DOMESTIC	91.65	98.90	99.60	.978	.186
DIELDRIN		IMPORTED	95.78	99.45	99.79	.979	.168
HEPTACHLOR		DOMESTIC	99.74	99.91	99.94	.945	.133
HEPTACHLOR		IMPORTED	99.90	99.93	99.94	.459	.176
LINDANE		DOMESTIC	98.84	99.81	99.91	.989	.099
LINDANE		IMPORTED	97.78	99.26	99.55	.984	.076
METHOXYCHLOR		DOMESTIC	99.65	99.87	99.92	.928	.144
TDE		DOMESTIC	94.32	99.37	99.78	.980	.182
TDE		IMPORTED	94.57	98.49	99.18	.993	.064
DDE		DOMESTIC	80.60	97.29	99.08	.969	.261
DDE		IMPORTED	77.79	94.70	97.54	.944	.289
HEPTACHLOR EPOXIDE		DOMESTIC	92.67	99.27	99.76	.966	.259
HEPTACHLOR EPOXIDE		IMPORTED	98.30	99.69	99.85	.927	.256

TABLE 25 B

## RED MEAT

CONFIDENCE	LIMIT	95 PER	PPM .1	PPM .5	PPM 1.	R SQ	SY.X
CHLORDANE		DOMESTIC	99.74	99.81	99.84	.895	.123
DDT		DOMESTIC	77.95	87.71	91.74	.986	.150
DDT		IMPORTED	71.25	81.85	86.69	.984	.140
DIELDRIN		DOMESTIC	98.93	99.59	99.77	.986	.138
DIELDRIN		IMPORTED	97.07	99.01	99.50	.963	.280
ENDRIN		DOMESTIC	99.95	99.96	99.96	.911	.080
ENDRIN		IMPORTED	99.83	99.90	99.92	.936	.157
HEPTACHLOR		DOMESTIC	99.86	99.91	99.93	.875	.198
HEPTACHLOR		IMPORTED	99.94	99.95	99.95	.694	.119
LINDANE		DOMESTIC	99.12	99.62	99.76	.944	.245
LINDANE		IMPORTED	98.83	99.46	99.66	.917	.291
METHOXYCHLOR		DOMESTIC	99.80	99.87	99.89	.855	.205
METHOXYCHLOR		IMPORTED	99.71	99.80	99.83	.777	.229
TOXAPHENE		DOMESTIC	99.89	99.92	99.93	.834	.152
TOXAPHENE		IMPORTED	99.83	99.83	99.83	0.000	0.000
HEPTACHLOR EPOXIDE		DOMESTIC	98.59	99.29	99.53	.971	.148
HEPTACHLOR EPOXIDE		IMPORTED	99.35	99.73	99.84	.918	.319
BENZENE HEXACHLORIDE		DOMESTIC	98.44	99.19	99.45	.995	.057
BENZENE HEXACHLORIDE		IMPORTED	96.90	98.61	99.16	.986	.129











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